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# COMMERCIAL FEEDING STUFFS REPORT ON INSPECTION

1932

E. M. BAILEY



Connecticut  
Agricultural Experiment Station  
New Haven

# CONNECTICUT AGRICULTURAL EXPERIMENT STATION

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## CONTENTS

The feed law .....	513
Explanation of terms used in an analysis of feeding stuffs .....	514
Definitions of feeding stuffs .....	515
Registrations .....	523
Inspection .....	549
Analyses of official samples .....	550
Miscellaneous .....	642
Index .....	i

## REGISTRATION OF FEEDS

Manufacturers, jobbers or individuals outside the State who ship concentrated commercial feeding stuffs into Connecticut are expected to register the Brands so shipped and to pay the necessary fees thereon, and they generally do so. However, under the provisions of our law, if manufacturers or others outside the State neglect or refuse to register, the local dealer who handles such feeds is responsible for such registrations, registration fees and other legal requirements.

In the course of trade, feeds manufactured in another State frequently pass through the hands of several middlemen, none of whom is within the immediate jurisdiction of our law, before they reach the local distributor. This Station make reasonable investigation to find out the source of shipment of feeds found to be unregistered, but the law imposes no obligation upon it to do so. It is the plain duty therefore of local dealers who purchase feed for resale and distribution to assure themselves that the brands they purchase are registered, or else be prepared to assume that responsibility themselves.



# COMMERCIAL FEEDING STUFFS

## REPORT ON INSPECTION

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### THE FEED LAW

The text of the law relating to concentrated commercial feeding stuffs and of regulations made jointly by the Dairy and Food Commissioner and the Director of this Station for carrying out its provisions, are given in Bulletin of Immediate Information, No. 60, June, 1927.

Some essential provisions of the law and the regulations may be briefly restated here.

*Exemptions.* It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration, (1) roughages such as hays, straws, corn stover, ensilage and all materials containing more than 60 per cent of water; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grains and sold by the manufacturer directly to the consumer; (5) feed ground from materials furnished by the consumer; or (6) feed mixed according to a formula furnished by the consumer, for his own use.

Under the provision of clause 6 above, a feed must be sold as a formula only, without a private brand name and without analysis. But a feed cannot be offered for general trade as a formula in order to avoid registration and the registration fee.

*Labelling.* All concentrated commercial feeding stuffs must be labelled either by a statement printed on the bag or upon a properly attached tag; except that in the case of cottonseed meal sold for fertilizer, or of any concentrated feeding stuff sold in bulk, a certificate, which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein

and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; and (5) the separate ingredients of which the feed is composed.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition.

*Affixing tags.* The use of wire or any metal in affixing tags to feed packages is prohibited by law.

*Registration and registration fee.* The law requires an annual registration of all concentrated feeds sold or offered for sale in this State. Registrations are to be made with the Connecticut Agricultural Experiment Station and beginning January 1, 1928, the registration period is for the duration of the calendar year. The registration fee is fifteen dollars (\$15), for each brand, a distinct brand name or a distinct analysis constituting a distinct brand.

*Duties of manufacturers, jobbers and dealers.* All concentrated commercial feeding stuffs must be registered annually on January 1, or before they are offered for sale.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

*Cottonseed meal.* Cottonseed meal sold as a fertilizer is required to be registered under the terms of the fertilizer law; if sold also as a feeding stuff it is required also to be registered under the provisions of the feed law; if sold exclusively for one or the other of these purposes, it may be registered only under the law that applies.

#### EXPLANATION OF TERMS USED IN AN ANALYSIS OF FEEDING STUFFS

In registering feeding stuffs the law requires that the minimum percentages of crude protein and crude fat, and the maximum percentage of crude fiber, shall be given; that is, the registrant must guarantee that the feeds registered will contain *not less* than the stated percentages of crude protein and of crude fat and *not more* than the stated percentage of crude fiber.

The term *crude protein* denotes those nutrients that contain nitrogen, and is obtained by multiplying the percentage of total nitrogen in the feed by the factor 6.25.

The term *crude fat* denotes those substances that are soluble in ether and includes, besides fat, such non-fatty materials as chlorophyll and coloring matter.

The term *crude fiber* denotes the coarse, woody tissues characteristic of all forms of roughage and that are present in the outer coats of cereal and other fodder grains.

Although the law requires only a statement of the three nutrients just defined, no objection is taken to more complete statements of composition, but such further statements, if given, must be correct. Thus, tags sometimes bear guaranties for nitrogen-free-extract and for carbohydrates.

The term *nitrogen-free-extract* denotes those nutrients of the starch and the sugar types. This group is never determined directly but is obtained by subtracting from 100 per cent the sum of the percentages of moisture, ash, crude protein, crude fiber and crude fat.

The term *carbohydrates* denotes the combined percentages of crude fiber and nitrogen-free-extract.

## DEFINITIONS OF FEEDING STUFFS<sup>1</sup>

### ALFALFA PRODUCTS

*Chopped alfalfa* is the entire alfalfa hay, chopped and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material.

*Alfalfa meal* is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 33 per cent of crude fibre.

*Alfalfa leaf meal* is the ground product consisting chiefly of leafy materials separated from alfalfa hay. It must be reasonably free from other crop plants and weeds and must not contain more than 18 per cent of crude fibre.

*Alfalfa stem meal* is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds.

### ANIMAL PRODUCTS

*Blood meal* is ground, dried blood.

*Blood flour* is dried blood, prepared by special processes and reduced to a fine powder.

*Digester tankage, meat meal tankage or feeding tankage* is the residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry rendering or a mixture of the products made suitable by drying and grinding. When these products contain more than 10 per cent phosphorus (expressed as  $P_2O_5$ ) they shall be designated Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone. If they bear a name descriptive of their kind, composition or origin they must correspond thereto.

<sup>1</sup> As announced by the Association of American Feed Control Officials, 1931-32.

*Meat scraps* is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 10 per cent phosphorus (expressed as  $P_2O_5$ ), it shall be designated Meat and Bone Scrap. If it bears a name descriptive of its kind, composition or origin it must correspond thereto.

*Raw bone meal* is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bone, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein.

*Steamed bone meal* is the dried, ground product suitable for animal feeding obtained by cooking bones with steam under pressure.

*Special steamed bone meal* is the dried, ground product suitable for animal feeding obtained by cooking dried bone after the removal of grease and meat fibre with steam under pressure in the process of obtaining gelatine or glue.

#### APPLE PRODUCTS

*Dried apple pomace* is the sound, dried residue obtained by the removal of cider from apples.

*Dried apple pectin pulp* is the sound, dried residue obtained by the removal of pectin from apple products.

#### BARLEY PRODUCTS

*Barley hulls* are the outer coverings of the barley.

*Barley feed* is the entire by-product resulting from the manufacture of pearl barley from clean barley.

*Barley mixed feed* is the entire offal from the milling of barley flour from clean barley and is composed of barley hulls and barley middlings.

*Ground barley* is the entire product obtained by grinding clean sound barley, containing not less than 90 per cent pure barley and not more than 10 per cent other grains, weed seeds and other foreign material and not more than 6 per cent fibre; provided that no portion of this stated 10 per cent of other grains, weed seeds or other foreign material, shall be deliberately added.

*Mixed feed barley* is the entire product obtained by grinding country run barley containing not less than 75 per cent pure barley and not more than 25 per cent of other grains, weed seeds and other foreign material; provided that no portion of this stated 25 per cent of other grains, weed seeds, or foreign material, shall be deliberately added. The ingredients must be stated as barley, other grains, weed seeds and foreign material.

#### BREWERS' AND DISTILLERS' PRODUCTS

*Brewers' dried grains* are the properly dried residue from cereals obtained in the manufacture of beer.

*Distillers' dried grains* are the dried residue from cereals obtained in the manufacture of alcohol and distilled liquors. The product must bear the designation indicating the cereal predominating.

*Distillers' corn solubles*, a by-product from the manufacture of alcohol from corn, is a mash liquor concentrated after the removal of the alcohol and wet grains.

*Distillers' rye solubles*, a by-product from the manufacture of alcohol from rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

*Distillers' corn and rye solubles*, a by-product from the manufacture of alcohol from corn and rye, is a mash liquor concentrated after the removal of the alcohol and wet grains.

*Malt sprouts* are the sprouts of the barley grain obtained in the malting process. Sprouts derived from any other malted cereal must be designated by the name of that cereal.

*Yeast or vinegar dried grains* are the properly dried residue from the mixture of cereals, malt and malt sprouts (sometimes cottonseed meal) obtained in the manufacture of yeast or vinegar and consists of corn or corn and rye from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and serve as a source of food supply for the yeast.

#### BUCKWHEAT PRODUCTS

*Buckwheat shorts or buckwheat middlings* are that portion of the buckwheat grain immediately inside the hull after separation from the flour.

#### CORN PRODUCTS

*Corn meal* (feeding) is finely ground unbolted corn.

*Corn bran* is the outer coating of the corn kernel, with little or no starchy part or germ.

*Corn feed meal* is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn or screened cracked corn, with or without its aspiration products added.

*Corn chop, ground corn or cracked corn* is the entire product made by grinding, cutting or chopping the grains of sound Indian corn, and may be fine, medium or coarse, and must not contain more than 4 per cent of foreign material.

*Screened corn chop, screened ground corn, or screened cracked corn* is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material.

*Corn grits, hominy grits* are the fine or medium sized, hard flinty portions of Indian corn containing little or no bran or germ.

*Ear corn chops* is corn and cob chopped, without the husk, with no greater proportion of cob than occurs in the ear corn in its natural state.

*Corn gluten meal* is that part of commercial shelled corn that remains after the separation of the larger part of the starch, the germ and the bran, by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

*Corn gluten feed* is that part of commercial shelled corn that remains after the separation of the larger part of the starch and the germs by the processes employed in the manufacture of corn starch. It may or may not contain corn solubles.

*Maltose process corn gluten feed* is the dried residue from degermed corn, after removal of starch in the manufacture of malt syrup.

*Hominy feed, hominy meal or hominy chop* is the kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the white corn kernel obtained in the manufacture of hominy, hominy grits, and corn meal by the degerming process.

*Yellow hominy feed, yellow hominy meal or yellow hominy chop* is a kiln-dried mixture of the mill-run bran coating, the mill-run germ, with or without a partial extraction of the oil, and a part of the starchy portion of the yellow corn kernel obtained in the manufacture of yellow hominy grits and yellow corn meal by the degerming process.

*Corn oil cake* consists of the corn germ from which part of the oil has been

pressed and is the product obtained in the wet milling process of manufacture of corn starch, corn syrup, and other corn products.

*Corn oil meal* is ground corn oil cake.

*Corn germ cake* consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products.

*Corn germ meal* is ground corn germ cake.

*Corn screenings* are the small light grains of corn, parts of grains of corn and/or other cereals, and other materials having feeding value, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials.

#### COTTONSEED PRODUCTS

*Cottonseed meal* is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does not conform to the foregoing definition and that does not contain at least 36 per cent of protein. Cottonseed meal shall be graded and classed as follows:

1. *Cottonseed meal, prime quality.* Cottonseed meal, prime quality, must be finely ground, not necessarily bolted, of sweet odor, reasonably bright in color, yellowish, not brown or reddish, free from excessive lint, and shall contain not less than 36 per cent of protein. It must be designated and sold according to its protein content. Cottonseed meal with 36 per cent of protein must be termed "36 per cent Protein Cottonseed Meal, Prime Quality," and higher grades similarly designated (as "43 per cent Protein Cottonseed Meal, Prime Quality"), etc.

2. *Cottonseed meal, off quality.* Cottonseed meal not fulfilling the above requirements as to color, odor and texture must be graded "36 per cent Protein Cottonseed Meal, Off Quality," and higher grades similarly designated.

*Cottonseed feed* is a mixture of cottonseed meal and cottonseed hulls, containing less than 36 per cent of protein.

*Cold pressed cottonseed* is the product obtained from the subjection of the whole undecorticated cottonseed to the cold pressure process for the extraction of oil and includes the entire cottonseed less the oil extracted.

*Ground cold pressed cottonseed* is the product obtained by grinding cold pressed cottonseed.

#### LINSEED AND FLAX PRODUCTS

*Linseed cake or meal* is oil cake or meal made from flaxseed; provided that the final product must contain less than 6 per cent of weed seeds and other foreign materials and; provided further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added.

*Old process oil meal, old process linseed meal* is oil meal as defined or linseed meal as defined produced by crushing, cooking and hydraulic pressure.

*New process oil meal, new process linseed meal* is oil meal as defined or linseed meal as defined produced by crushing, heating and the use of solvents.

*Flax plant by-product* is that portion of the flax plant remaining after the separation of the seed, the bast fibre and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem.

*Ground flaxseed or flaxseed meal* is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; provided that the final product must contain less than 4 per cent of weed seeds and other foreign materials, and; provided further, that no portion of the stated 4 per cent of weed seeds and other foreign materials shall be deliberately added.

*Unscreened flaxseed oil feed cake* is the product obtained by extraction of

part of the oil from unscreened flaxseed by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents. The ingredients must be stated as partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)

*Ground unscreened flaxseed oil feed* is the ground unscreened flaxseed oil feed cake.

*Screenings oil feed* is the ground product obtained after extraction of part of the oil by crushing, cooking and hydraulic pressure, or by crushing, heating and the use of solvents from the smaller imperfect grains, weed seeds and other foreign materials, having feeding value, separated in cleaning the grain. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed."

*Oil cake* is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating and the use of solvents, from seeds which have been screened and cleaned of weed seeds, and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other products the name of the seed from which it is obtained must be prefixed to the words "Oil Cake."

*Oat meal or ground oil cake* is oil cake ground to a meal.

#### MARINE PRODUCTS

*Fish meal* (Feeding) is clean, dried, ground tissues of undecomposed whole fish and/or fish cuttings with or without the extraction of part of the oil.

*Fish residue meal* (Feeding) is the clean, undecomposed residue from the manufacture of glue from non-oily fish.

*Crab meal* (Feeding) is prepared from the undecomposed waste of the crab industry and contains the shell, viscera and part or all of the flesh. It contains at least 25 per cent protein.

*Shrimp meal* (Feeding) is prepared from the undecomposed waste of the shrimp industry and contains the head, hull and/or the whole shrimp.

#### MILK PRODUCTS

*Evaporated buttermilk* (Feeding), *concentrated buttermilk* (Feeding), *condensed buttermilk* (Feeding), is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butter fat, and not more than .14 per cent ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given.

*Dried skimmed milk* (Feeding) is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent moisture.

*Condensed skimmed milk* (Feeding) is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent total solids.

#### OAT PRODUCTS

*Oat hulls* are the outer coverings of the oat.

*Oat middlings* are the floury portions of the oat groat obtained in the milling of rolled oats.

*Oat shorts* are the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats.

*Oat chop, ground oats, pulverized oats, crushed oats and crimped oats* consists of the entire product made by chopping, cutting, grinding, crushing or crimping oats.

*Oat groats* are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal.

*Hulled oats, undried oat groats* are the kernels produced from the undried grain in the process of hulling oats.

*Oat meal, ground oat groats* is the product produced by cutting, cracking or grinding oat groats.

*Rolled oat groats* (Rolled Oats) is the product obtained in the process of rolling oat groats.

*Clipped oat by-products* is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats and dust. It must not contain an excessive amount of oat hulls.

#### PEANUT PRODUCTS

*Peanut oil cake* is the residue after the extraction of part of the oil by pressure or solvents from peanut kernels.

*Peanut oil meal* is ground peanut oil cake.

*Unhulled peanut oil feed* is the ground residue obtained after extraction of part of the oil from whole peanuts, and the ingredients must be designated as *Peanut meal and hulls*.

#### RICE PRODUCTS

*Rice bran* is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice.

*Rice hulls* are the outer coverings of the rice.

*Rice polish* is the finely powdered material obtained in polishing the kernel.

*Rice meal* is ground brown rice or ground rice after the hull has been removed.

*Ground rough rice* is ground rice from which the hull has not been removed or ground paddy rice.

*Rice stone bran* is the siftings from the materials secured in removing hulls from rice and contains rice germs, broken rice and some rice hulls.

*Rice huller bran* is a product secured by the huller and cones from brown rice and consists mostly of the bran and germs.

#### RYE PRODUCTS

*Rye bran* is the coarse outer covering of the rye kernel as separated from the cleaned and scoured rye.

*Rye feed*, a by-product obtained in the usual process of the milling of rye flour from cleaned and scoured rye grain, consists principally of the mill-run of the outer covering of the rye grain and the germ with small quantities of flour and aleurone.

*Rye red dog*, a by-product obtained in the usual process of the milling of rye flour, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 3.5 per cent crude fibre.

*Rye low grade feed flour* consists principally of dark rye flour and small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.



*Rye middlings* consists of rye feed and rye red dog combined in the proportions obtained in the usual process of milling rye flour.

*Rye flour middlings* consist of rye feed, rye red dog and pure dark rye flour combined in the proportions obtained in the milling of rye flour and must not contain more than 5 per cent crude fibre.

#### VELVET BEAN PRODUCTS

*Velvet bean meal* is ground velvet beans containing only an unavoidable trace of hulls or pods.

*Ground velvet bean and pod* is the product derived by grinding velvet beans "in the pod." It contains no additional pods or other materials.

#### WHEAT PRODUCTS

*Wheat bran* is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling.

*Standard middlings* consists mostly of fine particles of bran, germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 9.5 per cent crude fibre.

*Flour middlings* shall consist of standard middlings and red dog flour combined in the proportions obtained in the usual process of milling and must not contain more than 6.0 per cent crude fibre.

*Wheat red dog*, a by-product obtained in the usual commercial process of flour milling, consists principally of aleurone with small quantities of flour and fine bran particles and must not contain more than 4.0 per cent crude fibre.

*Wheat low grade feed flour*, a by-product obtained in the usual commercial process of flour milling, consists principally of flour with small quantities of aleurone and fine bran particles and must not contain more than 1.5 per cent crude fibre.

*Wheat bran and standard middlings* consists of the two commodities as defined above, mixed in the proportions obtained in the usual process of commercial milling.

*Hard wheat mixed feed* (mill-run wheat feed) consists of pure wheat bran and flour middlings combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 9.5 per cent crude fibre.

*Brown shorts* (Red Shorts) consists mostly of the fine particles of bran, germ and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling and must not contain more than 7.5 per cent crude fibre.

*Gray shorts* (Gray Middlings or Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal or fibrous materials obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling and must not contain more than 6.0 per cent crude fibre.

*White shorts or white middlings* consists of a small portion of the fine bran particles and the germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling and must not contain more than 3.5 per cent crude fibre.

*Wheat mixed feed* (Mill-run wheat feed) consists of pure wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. This product must not contain more than 8.5 per cent crude fibre.

*Screenings* consists of the smaller imperfect grains, weed seeds, and other foreign materials, having feed value, separated in cleaning the grain.

*Scourings* consists of such portions of the cuticle, brush, white caps, dust, smut and other materials as are separated from the grain in the usual commercial process of scouring.

(NOTE) If to any of the wheat or rye by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as clearly to indicate this fact. The word “Screenings” or “Scourings” as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word “Screenings” appears it is not necessary to show also on the labeling the word “Scourings.”

#### MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients requires, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of lime expressed as  $\text{CaO}$ , phosphoric acid expressed as  $\text{P}_2\text{O}_5$ , iodine (I), and the maximum percentage of salt ( $\text{NaCl}$ ) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

Mineral feeds containing no organic ingredient do not require the usual chemical feed guarantee, but do require a declaration of each ingredient contained therein and the minimum percentage of lime expressed as  $\text{CaO}$ , phosphoric acid expressed as  $\text{P}_2\text{O}_5$ , iodine (I), and the maximum percentage of salt ( $\text{NaCl}$ ) if same be present.

That the mineral ingredients be stated in the common English terms, if any such terms exist.

It being impossible to classify separately the drug ingredients and the mineral ingredients, be it resolved:

(1) That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds.

(2) That all other preparations which are sold or represented primarily for the cure, mitigation or prevention of disease be classified by this Association as drugs, medicines or specifics.

#### MISCELLANEOUS PRODUCTS

*Dried beet pulp* is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves and sand, and which have been extracted in the process of manufacturing sugar.

*Cocoanut oil meal* or “*copra oil meal*” is the ground residue from the extraction of part of the oil from the dried meat of the cocoanut.

*Ivory nut meal* is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut.

*Processed garbage* is composed of animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in and is separated from material such as crockery, glass, or similar material. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife like or needle like particles, and providing further, that the maximum percentage of glass be stated on the label when present in excess of one-fifth of one per cent.

*Palm kernel oil meal* is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis malanococco*.

*Chop* is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals.

*Head chops* consists of the entire head of the grain sorghums chopped, and bears the name of the sorghum from which it is made. This includes, among others, kaffir head chops, milo head chops, feterita head chops and sorghum head chops.

*Head stems* consists of the head of the grain sorghums, from which the grain has been removed, and bears the name of the sorghum from which it is made.

#### LATE REGISTRATIONS FOR 1931

To the list of registrations for 1931 in our last report should be added:

**L. W. Hudson, Windsor, Conn.**

Hudson's Cow Feed  
Hudson's Developing Mash and Starter  
Hudson's Laying Mash

#### REGISTRATIONS

*For the period January 1, 1932 to December 31, 1932*

Two hundred firms and individuals have registered 1,059 brands of feeding stuffs. As required by Statute these registrations are listed as follows:

**Acme-Evans Co., Indianapolis, Ind.**

Acme Bran with Screenings  
Acme Hominy Feed  
Acme Middlings with Screenings

**Allied Mills, Inc., Chicago, Ill.**

Amco 20% Dairy Ration  
Amco 24% Dairy Ration  
Amco 20% National Dairy Ration  
Amco 16½% Sucrene Dairy Ration  
Amco 32% Supplement Dairy Ration  
Amco 12% Fitting Ration  
Arab Horse Feed  
Emergency Hog Feed  
Empire Dairy Feed  
June Pasture  
Pure Corn and Oats Provender  
Red Feather Egg Mash  
Red Feather Egg Mash with Cod Liver Oil  
Red Feather Scratch Feed  
Screened Cracked Corn  
Wayne All Mash Chick Starter  
Wayne All Mash Chick Starter with Cod Liver Oil  
Wayne All Mash Grower  
Wayne All Mash Grower with Cod Liver Oil  
Wayne Broiler Ration  
Wayne Calf Meal

**Allied Mills, Inc., Chicago, Ill.—(Continued)**

Wayne Chick Feed  
Wayne Egg Mash  
Wayne Egg Mash with Cod Liver Oil  
Wayne Intermediate Scratch Feed  
Wayne Pig Meal  
Wayne Poultry Fattener  
Wayne Scratch Feed  
Wayne Special Scratch Feed  
Wayne Starter and Grower  
Wayne 20% Supreme Dairy Feed  
Wayne Supreme Horse Feed  
Wayne Turkey Mash

**American Maize-Products Co., 100 E. 42nd St., New York City.**

Cream of Corn Gluten Feed

**Anchor Mills, Hagerstown, Md.**

Zip Egg Mash

**Anheuser-Busch, Inc., St. Louis, Mo.**

Anheuser-Busch Brand Corn Oil Cake Meal

**Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.**

Advanced Registry Dairy Feed  
Arcady Besbet Growing Mash  
Arcady Besbet Laying Mash  
Arcady Besbet Starting Mash  
Arcady Developing Grains  
Arcady Scratch Grains  
Milkers Ready Ration  
Old Colony Feed  
Peerless Milk Ration  
Producer 20% Ready Ration  
Sweet 16 Dairy Feed  
Wonder Complete Broiler Ration  
Wonder Horse and Mule Feed  
Wonder Starting Mash

**Archer-Daniels-Midland Co., Minneapolis, Minn.**

Midland 30% Protein Animal Food  
Pure Old Process Linseed Meal 34%  
Pure Old Process Linseed Meal 37%  
Soy Bean Oil Meal

**Ashcraft-Wilkinson Co., Minneapolis, Minn.**

Helmet Brand—Prime Cottonseed Meal  
Monarch Brand—Prime Cottonseed Meal  
Paramount Brand—Prime Cottonseed Meal

**Atkinson Milling Co., Minneapolis, Minn.**

Atkinson's Wheat Bran  
Atkinson's Wheat Standard Middlings

**E. W. Bailey & Co., Montpelier, Vt.**

Bailey's 16% Dairy Ration  
Bailey's Open Formula 20% Dairy Feed  
Bailey's Open Formula 24% Dairy Feed  
Bailey's Fitting Ration

**E. W. Bailey & Co., Montpelier, Vt.—(Continued)**

Capital Dairy Ration  
 Capital Mixed Feed  
 Favorite Dairy Ration  
 Our 20% Special Ration  
 Pennant Brand Chick Starter  
 Pennant Brand Coarse Chick Feed  
 Pennant Brand Fine Chick Feed  
 Pennant Brand Growing Feed  
 Pennant Horse Feed  
 Pennant Brand Laying Mash  
 Pennant Scratch Feed  
 Pennant Brand Stock Feed  
 Sweetened Bailey's 16% Dairy Ration  
 Sweetened Bailey's Fitting Ration  
 Sweetened Capital Dairy Ration  
 Sweetened Favorite Dairy Ration  
 Sweetened with Molasses Pennant Brand Stock Feed

**Beacon Milling Co. Inc., Cayuga, N. Y.**

Auburn Dairy Feed  
 Beacon Breeders Mash with Buttermilk  
 Beacon Broiler Feed  
 Beacon Calf Meal  
 Beacon's Cayuga Developer Feed  
 Beacon's Cayuga Growing Mash  
 Beacon's Cayuga Horse Feed  
 Beacon's Cayuga Laying Mash with Buttermilk  
 Beacon's Cayuga Scratch Feed  
 Beacon Chick Feed  
 Beacon Complete Starting Ration  
 Beacon Dairy Ration  
 Beacon Developer Feed  
 Beacon Duck Breeders Mash  
 Beacon Duck Starter  
 Beacon Egg Mash with Buttermilk  
 Beacon Growing Mash  
 Beacon Hog Feed  
 Beacon Horse Feed  
 Beacon Scratch Grains  
 Beacon Special Coccidiosis Mash  
 Beacon Special Scratch Grains  
 Beacon Sweet '20'  
 Beacon Sweet '24'  
 Beacon Turkey Growing Feed  
 Beacon '20'  
 Cayuga Stock Feed  
 Corn & Oat Chop

**Bisbee Linseed Co., 1532 Bankers Trust Bldg., Philadelphia, Pa.**

Bisbee Brand Pure Old Process Linseed Meal 32%  
 Bisbee Brand Pure Old Process Linseed Meal 34%

**Black Rock Milling Corp., Buffalo, N. Y.**

Bidwell 20% Dairy Ration  
 Bidwell 24% Dairy Ration  
 Bidwell Dry-Mash  
 Bidwell Scratch Feed  
 Paramount 20% Dairy Ration

**Blatchford Calf Meal Co., Waukegan, Ill.**

Blatchford's Calf Meal

**The Borden Sales Co. Inc., 350 Madison Ave., New York City.**

Borden's Anilac

**Amos D. Bridge's Sons, Inc., Hazardville, Conn.**

Success Dairy Ration

**Bristol Grain & Supply Co., Bristol, Conn.**

Bristol Laying Mash

**F. W. Brode Corp., Memphis, Tenn.**

Owl Brand 41% Prime Cottonseed Meal

**L. Broder Grain Store, Colchester, Conn.**

L. B. Milk Ration

**Buckeye Cotton Oil Co., Cincinnati, Ohio.**

Buckeye Prime 41% Cottonseed Meal

Soy Bean Oil Meal

**C. Buckingham & Co., Southport, Conn.**

C. B. Dairy

C. B. Egg Mash

C. B. Growing Mash

C. B. Scratch Feed

C. B. Starter

**C. E. Buell, Inc., 6 Beacon St., Boston, Mass.**

"Buell-Boston" Dried Skim Milk

**C. W. Burckhalter, Inc., 119 Broad St., New York City.**

Burck Brand Dried Buttermilk

Burck Brand Powdered Skim Milk

**Caledonia Mills, Inc., St. Johnsbury, Vt.**

Brooks' Fancy Mixed Feed

**C. W. Campbell Co., Westerly, R. I.**

Camco Horse Feed

Campbell Fitting Ration

Egg-O Chick Feed

Egg-O Chick Starter

Egg-O Growing

Egg-O Intermediate

Egg-O Mash

Egg-O Scratch

Egg-O Turkey Grower

Milky Ration

No-Botheration Dairy

Xtra Vim Molasses Horse Feed

**The Canada Linseed Oil Mills, Ltd., Montreal, Canada.**

"Maple Leaf" Oilcake Meal

**A. B. Caple Co., Toledo, Ohio.**

Alfalfa Meal

**Chapin & Co., Hammond, Ind.**

Unicorn Dairy Ration 24%

**Clinton Corn Syrup Refining Co., Clinton, Iowa.**

Clinton Corn Gluten Feed

**Clyde Renco Milling Corp., Clyde, N. Y.**

Renco Scratch Feed

**Coles Co., Middletown, Conn.**

Capital 20% Molasses Dairy Feed

Fortune Chick Starter

Fortune Egg Mash with Dried Buttermilk

Fortune Growing Feed

Fortune Intermediate Scratch

Fortune Scratch Feed

Selco 24% Molasses Dairy Feed

**Collis Products Co., St. Paul, Minn.**

Collis Process Dried Buttermilk

**Commander-Larabee Corp., Minneapolis, Minn.**

Sunfed Red Dog Pure Wheat Product

Sunfed Wheat Bran

Sunfed Wheat Standard Middlings

**The G. E. Conkey Co., Cleveland, Ohio.**

Conkey's All Grain Horse & Mule Feed (With Linseed Meal, Molasses and Salt)

Conkey's All Mash Chick Ration with Y-O

Conkey's Chick Grains

Conkey's Dairy Feed 24% Protein

Conkey's Gecco Chick Grains

Conkey's Gecco Dairy Feed 20% Protein

Conkey's Gecco Egg Mash

Conkey's Gecco Egg Mash with Y-O

Conkey's Gecco Growing Grains

Conkey's Gecco Growing Mash

Conkey's Gecco Growing Mash with Buttermilk and Y-O

Conkey's Gecco Scratch Grains

Conkey's Geccofat Station Fattener

Conkey's Geccofat Station Fattener with Buttermilk

Conkey's Growing Grains

Conkey's Red Seal Laying Mash with Y-O

Conkey's Scratch Grains

Conkey's (The Original) Starting Feed with Buttermilk and Y-O

Superior Scratch Grains

**Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.**

Conn. Fat Rendering & Fertilizer Corp. Meat Scrap

**Consolidated By-Product Co., 36th St. & Grays Ferry Ave., Philadelphia, Pa.**

Consolidated Beef and Bone Scrap

Consolidated Bone Meal

**Consolidated Feed & Grain Co. Inc., 910-916 Chamber of Commerce Bldg., Buffalo, N. Y.**

Bison Dried Skimmilk

**Consolidated Products Co., Danville, Ill.**

Dried Buttermilk  
Dried Skimmilk

**Consolidated Rendering Co., Boston, Mass.**

Corenco Bone Meal, An All Animal Feed for Cattle, Hogs, and Poultry

**Consumers Food Stores, Inc., 476-478 Water St., Bridgeport, Conn.**

Gold Bond Egg Mash  
Gold Bond 16% Dairy Feed  
Gold Bond 20% Dairy Feed  
Gold Bond Growing Mash  
Gold Bond Horse Feed  
Gold Bond Intermediate Chick Feed

**Copeland Flour Mills, Ltd., Midland, Ontario, Canada.**

Copeland's Dandy Bran  
Copeland's Dandy Shorts

**Corn Products Sales Co., 17 Battery Place, New York City.**

Buffalo Corn Gluten Feed  
Diamond Corn Gluten Meal

**E. A. Cowee Co., Fitchburg, Mass.**

Coweco Laying Mash  
Coweco Growing Mash  
Coweco Scratch Feed  
Coweco 20% Ration

**The C. A. Cowles, Inc., Plantsville, Conn.**

C. A. Blue Seal Mash  
C. A. Cowles 20% Dairy Ration  
Cowles 24% Dairy Ration  
Cowles Scratch Feed

**Chas. M. Cox Co., Boston, Mass.**

Lake Woods Shorts  
Lake Woods Wheat Bran  
Pioneer Wheat Bran  
Pioneer Wheat Shorts  
Sherwin Williams Screwpress Linseed Oil Cake Meal

**Crosby Milling Co., Brattleboro, Vt.**

Crosby's Scratch Feed  
Crosby's Stock Feed

**P. Cutler, Inc., Colchester, Conn.**

Prosperity Dairy Ration  
Prosperity Economy Dairy Ration  
Prosperity Laying Mash  
Prosperity Scratch Feed  
Prosperity Special Dairy Feed  
Prosperity Stock Feed

**Dairymen's League Co-Operative Assoc., Inc., 11 West 42nd St. New York City.**

Dairyalea Dried Skim Milk



**R. G. Davis & Sons, Inc., New Haven, Conn.**

Basic Dairy Ration  
Davis Buttermilk Mash  
Davis Horse Feed  
Davis No. 1 Provender  
Davis Scratch Feed  
Davis Stock Feed  
20% Open Formula

**Decatur Milling Co., Inc., Decatur, Ill.**

Homco Brand Hominy Feed

**Delaware Mills, Inc., Deposit, N. Y.**

Brooklawn Special Scratch Feed  
Delaware Chick Starting Mash (with Dried Buttermilk)  
Delaware Chick Grains  
Delaware Dairy Feed  
Delaware Growing Mash (with Dried Skim Milk)  
Delaware Heavy Mixed Feed  
Delaware 85% Horse Feed  
Delaware Intermediate Chick Grains  
Delaware Sweet 24% Dairy Feed  
Delaware White Stock Feed  
Delco 20% Dairy Feed  
Delco Sweet 20% Dairy Feed  
Double Circle Scratch Grains  
Ground Corn & Oats  
Indian Laying Mash (with Dried Skim Milk)

**The Denver Alfalfa Milling & Products Co., Lamar, Colo.**

Alfalfa Leaf Meal  
Alfalfa Meal

**The Dewey Bros. Co., Blanchester, Ohio.**

Corn Distillers Dried Grains

**Dietrich & Gambrill, Inc., Frederick, Md.**

D. & G. Dairy Feed  
Frederick Growing Mash  
Frederick Laying Mash  
Frederick Stock Feed  
Gambrill's Chick Starter  
Gambrill's Growing Mash  
Gambrill's Horse Feed  
Gambrill's Laying Mash  
Gambrill's Scratch Feed  
Gambrill's Stock Feed  
Pen Mar Dairy Feed  
Pen Mar Horse Feed

**The Dry Milk Co., Inc., 205 East 42nd St., New York City.**

Chikora

**Duluth-Superior Milling Co., Minneapolis, Minn.**

Duluth Imperial Wheat Bran  
Wheat Standard Middlings

**Eagle Roller Mill Co., New Ulm, Minn.**

Eagle Pure Wheat Bran  
Eagle Wheat Standard Middlings

**Eastern Grain Co., Bridgewater, Mass.**

Pure Dried Skim Milk Powder

**Eastern States Farmers' Exchange, Springfield, Mass.**

Eastern States Developer Mash  
Eastern States Developer Mash with Cod Liver Oil  
Eastern States Egg Mash  
Eastern States Fitting Ration  
Eastern States Fulpail Dairy Ration  
Eastern States Highland 12  
Eastern States Highland 20  
Eastern States Horse and Calf Ration  
Eastern States Intermediate Scratch Grains  
Eastern States Milkmore Dairy Ration  
Eastern States Producer Mash  
Eastern States Producer Mash with Cod Liver Oil  
Eastern States Pure Ground Corn & Oats  $\frac{1}{2}$  and  $\frac{1}{2}$   
Eastern States Scratch Grains with Coarse Cracked Corn  
Eastern States Sixteen  
Eastern States Starting and Broiler Ration with Cod Liver Oil  
Eastern States Turkey Fat  
Eastern States Turkey Grow  
Eastern States Turkey Start

**B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago Ill.**

Pure Wheat Bran  
Standard Wheat Middlings

**S. T. Edwards & Co., Inc., 110 North Franklin St., Chicago, Ill.**

Butterfly Dried Skimmed Milk for Animal or Poultry Feed  
Yankee Dried Buttermilk for Animal or Poultry Feed

**Elmore Milling Co. Inc., Oneonta, N. Y.**

Economilk Dairy Feed  
Elmore Chixsaver  
Elmore Complete Broiler Ration  
Elmore Complete Starting and Growing Ration  
Elmore's Economilk 24% Dairy Feed  
Elmore Eggmaker  
Elmore Egg Mash  
Elmore Growing Mash  
Elmore Horse Feed with Molasses  
Elmore Intermediate Chick Feed  
Elmore Milk Grains  
Elmore Milk Grains Junior  
Elmore Scratch Feed  
Elmore Stock Feed  
Elmore's Sugared Feedall  
Elmore's Super-Silage  
Elmore 32% Supplemental Ration  
Elmore's Sweet Digesto Dairy Feed  
Elmore "Three Point" Calf Meal  
Elmore's "Xtragood" Wheat Feed with Ground Screenings  
Granger Ration  
Otsego Economy Ration  
R-Own Egg Mash  
R-Own Dairy Ration

**John W. Eshelman & Sons, 244 North Queen St., Lancaster, Pa.**

Dried Beet Pulp  
 Eshelman Certified 20% Dairy Ration  
 Eshelman Certified 24% Dairy Ration  
 Eshelman Certified Fitting Ration  
 Eshelman Certified Laying Mash  
 Eshelman Challenge Dairy Feed  
 Eshelman Choice Mixed Wheat Feed  
 Eshelman Conestoga 20 Dairy Feed  
 Eshelman Garden Spot Horse Feed  
 Eshelman Golden Rod 25 Dairy Feed  
 Eshelman Lancaster 20 Dairy Feed  
 Eshelman Lancaster 60 Horse Feed  
 Eshelman Lancaster Scratch Grains  
 Eshelman Liberty Horse Feed  
 Eshelman Open Formula 20 Dairy Feed  
 Eshelman Pennsy Chick Grains  
 Eshelman Pennsy 16 Dairy Feed  
 Eshelman Pennsy Laying Mash  
 Eshelman Pennsy Scratch Grains  
 Eshelman Red Rose All Mash Starter  
 Eshelman Red Rose Calf Starter  
 Eshelman Red Rose Chick Grains  
 Eshelman Red Rose Chick Starter  
 Eshelman Red Rose 24 Dairy Feed  
 Eshelman Red Rose Fattening Mash  
 Eshelman Red Rose Growing Mash  
 Eshelman Red Rose Growing Mash with Cod Liver Oil  
 Eshelman Red Rose 85 Horse Feed  
 Eshelman Red Rose Hog Meal  
 Eshelman Red Rose Laying Mash  
 Eshelman Red Rose Pure Ground Corn and Oats  
 Eshelman Red Rose Scratch Grains  
 Eshelman Red Rose Stock Feed  
 Eshelman Red Rose Wheat Flour Middlings  
 Eshelman S-O-S  
 Eshelman Steamed-Cooked Horse Feed  
 Eshelman Wheat Red Dog

**Evans Milling Co., Indianapolis, Ind.**

Emco Hominy Feed  
 Emco Soybean Cake Meal

**Excelsior Milling Co., Minneapolis, Minn.**

Pure Camel Fancy Wheat Feed

**Fairmont Creamery Co., Omaha, Neb.**

Fairmont's Better Pure Flake Buttermilk

**Farmers Feed Co., 532 E. 76th St., New York City.**

"Bull Brand" Dried Brewers Grains

**Farmers Wholesale Co., Minneapolis, Minn.**

Farmer Boy Wheat Bran

**Federal Mill, Inc., Lockport, N. Y.**

Lucky Hard Wheat Bran  
 Lucky Hard Wheat Middlings

**Fernando Valley Milling & Supply Co., 336 I. W. Hellman Building, Los Angeles, Calif.**

Fernando Alfalfa Meal, Fine Ground  
Fernando Alfalfa Stem Meal  
Ideal Greens, Sun-Cured

**First National Stores, Inc., Somerville, Mass.**

Henfield Egg Mash  
Henfield Scratch Grains

**Flag Fish Co. Inc., 108 South St., New York City.**

Flag Fish Meal

**Flory Milling Co. Inc., Bangor, Pa.**

Flory's All Mash Starting & Growing Ration  
Flory's Baby Chick Feed  
Flory's Certified Fitting Ration  
Flory's Dairy Feed  
Flory's Egg Mash  
Flory's Horse Feed  
Flory's Scratch Feed  
Flory's Steamed Cooked Horse Feed  
Flory's Stock Feed  
Golden Egg "All-Mash" Growing Ration  
Golden Egg Laying Mash  
Golden Egg Scratch Feed  
Ground Corn & Oats  
National Dairy Feed  
Record Dairy Feed  
Record Horse Feed  
Sunray Laying Mash

**A. W. Forbes, East Haven, Conn.**

R-Own Dairy Ration  
R-Own Laying Mash  
R-Own Scratch Feed

**J. A. Forrest, 819 Security Building, Minneapolis, Minn.**

Alpine Ground Feeding Oatmeal

**Fort Schuyler Farms, Inc., 49 Franklin Square, Utica, N. Y.**

Powdered Skim Milk

**L. T. Frisbie Co., New Haven, Conn.**

Frisbie's Poultry Feed 45%  
Frisbie's Poultry Feed 50%  
Frisbie's Poultry Feed 55%

**J. B. Garland & Son, Worcester, Mass.**

Garland's Growing Mash  
Garland's Poultry Mash  
Royal Worcester Complete Ration  
Royal Worcester Scratch Feed

**General Mills, Inc., Minneapolis, Minn.**

Eventually Gold Medal Chick Feed—No Grit  
Eventually Gold Medal Chick Ration  
Eventually Gold Medal Dairy Ration  
Eventually Gold Medal Developing Feed—No Grit

**General Mills, Inc., Minneapolis, Minn.—(Continued)**

Eventually Gold Medal Egg Mash for Breeding and Laying with Dried Buttermilk  
 Eventually Gold Medal Growing Mash—With Dried Buttermilk  
 Eventually Gold Medal Scratch Feed—No Grit  
 Washburn's Gold Medal Fancy Mixed Feed  
 Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings  
 Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings  
 Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings  
 Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog

**Gilster Milling Co., Chester, Ill.**

Gilster's Bran

**Gorton-Pew Fisheries Co. Ltd., Gloucester, Mass.**

Gorton's Codfish Meal

**D. H. Grandin Milling Co., Jamestown, N. Y.**

Grandin's Baby Chick Feed  
 Grandin's Baby Chick Starter with Buttermilk-Cod Liver Oil  
 Grandin's Broiler Mash with Buttermilk-Cod Liver Oil  
 Grandin's Complete Starting Ration with Buttermilk-Cod Liver Oil  
 Grandin's Growing Mash with Buttermilk  
 Grandin's Growing Mash with Buttermilk-Cod Liver Oil  
 Grandin's Intermediate Chick Feed  
 Grandin's Laying Mash with Buttermilk  
 Grandin's Laying Mash with Buttermilk-Cod Liver Oil  
 Grandin's Milk Maker  
 Grandin's Screened Scratch Feed  
 Grandin's Stock Food  
 Grandin's Sweetened 20% Dairy Feed  
 Grandin's Sweetened 24% Dairy Feed  
 Grandin's Sweetened Horse Feed  
 Grandin's Turkey Starter with Buttermilk-Cod Liver Oil—A Complete Ration  
 M-S (Money Saver) 20% Sweet Dairy Feed  
 M-S (Money Saver) 24% Sweet Dairy Feed

**Great Atlantic & Pacific Tea Co., 504 Hodgson Bldg., Minneapolis, Minn.**

Daily Egg Mash Feed  
 Daily Egg Scratch Feed  
 Daily Growth Chick Starter  
 Daily Growth Fine Chick Feed  
 Daily Growth Growing Mash

**Hales & Hunter Co., 166 West Jackson Blvd., Chicago, Ill.**

College Horse Feed  
 H & H Quality Steel Cut Wheat  
 H & H White Stock Feed  
 Kingfalfa Horse Feed  
 Morning Glory Chick Starter with Dried Buttermilk  
 Morning Glory Egg Mash with Dried Buttermilk  
 Red Comb Chick Battery Mash with Dried Buttermilk  
 Red Comb Chick Starter with Dried Buttermilk  
 Red Comb Coarse Chick  
 Red Comb Crate Fattener with Rolled Oats  
 Red Comb Egg Mash with Dried Buttermilk

**Hales & Hunter Co., 166 West Jackson Blvd., Chicago, Ill.—(Continued)**

Red Comb Fine Chick  
Red Comb Growing Mash with Dried Buttermilk  
Red Comb Scratch Feed  
Red Horn Calf Meal  
Red Horn 20% Dairy Feed

**Frank B. Ham & Co. Ltd., Toronto, Ontario, Canada.**

Hamco Brand Wheat Bran  
Hamco Brand Wheat Shorts

**William Hamilton & Son, Inc., Caledonia, Livingston County, N. Y.**

Wheat Bran  
Wheat Middlings

**Hecker-H-O Co., Inc., Buffalo, N. Y.**

Oat Mill Feed

**Hecker-Jones-Jewell Milling Co., 503 Seneca St., Buffalo, N. Y.**

Choice Wheat Bran  
Red Dog Pure Hard Wheat  
Wheat Standard Middlings

**Hershey Creamery Co., 401 S. Cameron St., Harrisburg, Pa.**

"Chick-O-Lac"  
"Hershey's Superior Powdered Skim Milk"

**Hobson & Clofine, 416 Bulletin Building, Philadelphia, Pa.**

H and C Brand Dried Buttermilk  
H and C Brand Dried Skim Milk

**Hood Mills Co., Baltimore, Md.**

Red Dog Brand Flour Middlings

**Humphreys-Godwin Co., Memphis, Tenn.**

Bull Brand Cottonseed Meal  
Danish Brand Cottonseed Meal  
Dixie Brand Cottonseed Meal

**J. F. Imbs Milling Co., Belleville, Ill.**

Charm Pure Winter Wheat Bran

**Imperial Grain & Milling Co., Toledo, Ohio.**

Imperial Steam Cooked Feed

**International Milling Co., Minneapolis, Minn.**

Blackhawk Pure Wheat Bran  
Blackhawk Wheat Flour Middlings  
Blackhawk Wheat Red Dog  
Blackhawk Wheat Standard Middlings

**International Vegetable Oil Co., Inc., Savannah, Ga.**

High Grade Cottonseed Meal

**Henry James & Son, Inc., 20 Stockbridge St., Springfield, Mass.**

Special Meat & Bone Scrap

**Jersee Co., Minneapolis, Minn.**

Just Right Egg Mash

**The Kansas Flour Mills Corp., Kansas City, Mo.**

Big Flake Pure Wheat Bran

**Kellogg Co., Battle Creek, Mich.**

White Hominy Feed

**Kelloggs & Miller, Inc., Amsterdam, N. Y.**

"K&M" Brand Pure Old Process Linseed Oil Meal

**Spencer Kellogg & Sons, Inc., Buffalo, N. Y.**

Kellogg's 34% Protein Quality Pure Old Process Linseed Meal and  
Palatable Flaxseed Screenings Oil Feed

Kellogg's 37% Protein Pure Old Process Linseed Meal

**H. H. King Flour Mills Co., Minneapolis, Minn.**

"Gold Mine" Feed

**King Midas Mill Co., Minneapolis, Minn.**

Wheat Standard Middlings

**Krause Milling Co., Milwaukee, Wis.**

Badger White Hominy Feed

**A. S. Labieniec, Kensington, Conn.**

Reliable Laying Mash

**The Laden Bros. Co., Inc., Wallingford, Conn.**

Laden's Baby Chick Starter

Laden's Dairy Feed

Laden's Growing Mash

Laden's Laying Mash

**Land O'Lakes Creameries, Inc., Minneapolis, Minn.**

Dried Buttermilk

Dried Skimmilk

**Lake County Oil Mill, Tiptonville, Tenn.**

Cottonseed Meal 41%

**The Larabee Flour Mills Co., Kansas City, Mo.**

Sunfed Pure Winter Wheat Bran

Sunfed Winter Wheat Bran with Ground Wheat Screenings

**Larowe Milling Co., Box 68, North End Station, Detroit, Mich.**

Dried Beet Pulp

Dried Molasses-Beet Pulp

41% Protein Cottonseed Meal Prime Quality

43% Protein Cottonseed Meal Choice Quality

Larro Broiler Feed

Larro Calf Meal

Larro Chick Grains

Larro Chick Starter

Larro Egg Mash

Larro Growing Grains

Larro Growing Mash

Larro Pork-Maker

Larro Poultry Fattening Feed

Larro Scratch Grains

**Larowe Milling Co., Box 68, North End Station, Detroit, Mich.***(Continued)*

Larro-The Ready Ration for Dairy Cows  
Larro Turkey and Game Bird Adult Mash  
Larro Turkey and Game Bird Developer  
Larro Turkey and Game Bird Starter

**Libner Grain Co. Inc., 27 Commerce St., Norwalk, Conn.**

Libner's Blue Ribbon Broiler Ration  
Libner's Blue Ribbon Chick Starter  
20% Libner's Blue Ribbon Dairy Ration  
24% Libner's Blue Ribbon Dairy Ration  
12% Libner's Blue Ribbon Fitting Ration  
Libner's Blue Ribbon Growing Mash  
Libner's Blue Ribbon Milk Egg Mash

**C. W. Lines Co., 173 Chestnut St., New Britain, Conn.**

Homestead Dry Mash  
Homestead Scratch Feed  
Mill Pride Dairy Ration  
Mill Pride Fancy Scratch Feed  
Mill Pride Milk Mash

**Litchfield County Co-op. Assoc., Torrington, Conn.**

Common Sense Dairy  
Common Sense Growing Mash  
Common Sense Laying Mash

**Long Hill Feed Store, Long Hill, Conn.**

Square Deal Buttermilk Laying Mash  
Square Deal Dairy Ration

**L. B. Lovitt & Co., Memphis, Tenn.**

"Lovit Brand" 36% Cottonseed Meal  
"Lovit Brand" 41% Cottonseed Meal  
"Lovit Brand" 43% Cottonseed Meal

**Maine Fish Meal Co., Portland, Me.**

Sardine Maine Fish Meal

**E. Manchester & Sons, Winsted, Conn.**

Huntington Red Star Egg Mash  
Red Star Egg Mash  
Red Star Flour Middlings  
Red Star Growing Mash  
Red Star Mixed Feed  
Red Star Scratch Feed  
Red Star Special Dairy Feed  
Red Star Starting Mash  
Red Star Sweet Sixteen Dairy Feed

**The Mann Bros. Co., Buffalo, N. Y.**

The Mann Bros. Co. 34% Protein Pure Old Process Linseed Meal  
The Mann Bros. Co. 37% Protein Pure Old Process Linseed Meal

**Maple Leaf Milling Co. Ltd., Toronto, Ontario, Canada.**

Pure Wheat Bran  
Rex Wheat Middlings



**Maritime Milling Co., Inc., Buffalo, N. Y.**

B-B Daisy All Mash Starter and Growing Feed  
 B-B Daisy Chick Feed  
 B-B Daisy Egg Mash with Dried Buttermilk  
 B-B Daisy Scratch Feed  
 B-B Hi-Test Dairy Feed 20%, Sweetened  
 B-B Hi-Test Dairy Feed 24%, Sweetened  
 B-B Marmico 16% Dairy Feed with Molasses  
 B-B Pure Corn & Oats Half & Half  
 B-B Red Dog Wheat Flour  
 B-B Turkey Starting and Growing Feed Vitamized with Cod Liver Oil  
 Bull Brand Calf Meal  
 Bull Brand Developing Feed  
 Bull Brand Heavy Mixed Feed  
 Bull Brand Horse Feed with Alfalfa and Molasses  
 Bull Brand Laying Mash  
 Bull Brand Scratch Feed  
 Bull Brand Stock Feed  
 Bull Brand Wheat Flour Middlings  
 Dealer's Mixing Feed with Molasses  
 Dollar Maker Egg Mash  
 Dollar Maker Growing Mash Vitamized with Cod Liver Oil  
 Sweetened B-B Farmers Mixing Feed  
 Sweetened Bull Brand "20" Dairy Ration  
 Sweetened Bull Brand "24" Dairy Ration  
 Sweetened Dollar Maker Dairy Feed  
 Vitamized B-B Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil  
 Vitamized Bull Brand Chick Starter  
 Vitamized Bull Brand Growing Mash

**C. J. Martenis Grain Co., L-3 Produce Exchange Bldg., New York, N. Y.**

Alco Dried Brewers Grains

**Meador Milling Co. Inc., Hoboken, N. J.**

Purifine Linseed Oil Meal

**Meech & Stoddard, Inc., 75 North Main St., Middletown, Conn.**

Red Wing Dairy Ration  
 Red Wing Mixed Feed  
 Red Wing Molasses Horse Feed  
 Red Wing Special Buttermilk Chick Starter  
 Red Wing Special Buttermilk Growing Feed  
 Red Wing Special Buttermilk Laying Mash  
 Red Wing Special Chick Feed  
 Red Wing Special Dairy Ration  
 Red Wing Special Intermediate Chick Feed  
 Red Wing Special Scratch Feed  
 Red Wing Stock Feed

**Milmine, Bodman & Co. Inc., 115 Produce Exchange, New York City.**

Dried Beetpulp

**Miner-Hillard Milling Co., Wilkes-Barre, Pa.**

No. 1 Scratch Feed  
 Rye Middlings  
 "1795" Steam Cooked Corn & Oats  
 Steam Cooked Hominy Feed  
 Wheat Bran  
 Wheat Middlings

**Monti-Van Iderstine, Inc., 272 Hudson Ave., Brooklyn, N. Y.**

Monti-Van High Grade Meat Scrap Containing Bone

**Geo. Q. Moon & Co. Inc., Binghamton, N. Y.**

Moon's Baby Chick Grains  
Moon's Baby Chick Starter Mash  
Moon's 20% Dairy Feed with Molasses  
Moon's 24% Dairy Ration  
Moon's Developing Grains  
Moon's Fresh Ground Mixed Feed  
Moon's Fresh Ground White Middlings  
Moon's Growing Mash  
Moon's Hominy Feed  
Moon's Laying Mash with Dried Buttermilk  
Moon's Scratch Feed  
Moon's Special A Laying Mash with Dried Buttermilk  
Moon's Stock Feed  
Moon's Wheat Bran  
Moon's X Dairy Ration

**Moran-Patton Co., 234 Cedar St., New Haven, Conn.**

C-B Mash

**Fred C. Morse & Son, Guilford, Conn.**

Old Mill 20% Dairy Feed  
Old Mill Dairy Feed 24%  
Old Mill Fitting Feed  
Old Mill Growing Mash  
Old Mill Horse Feed  
Old Mill Laying Mash  
Old Mill Laying Mash with Milk  
Old Mill Provender  
Old Mill Scratch Feed  
Old Mill Starting Mash

**Jas. F. Morse & Co., Somerville, Mass.**

Morse's Meat Scrap

**Moseley & Motley Milling Co., Rochester, N. Y.**

Big B Wheat Bran  
Big B Wheat Middlings

**Mt. Vernon Milling Co., Mt. Vernon, Ind.**

Poco Hominy Feed

**The National Milling Co., Toledo, Ohio.**

Namico  
Pure Wheat Bran

**Newsome Feed & Grain Co., Pittsburgh, Pa.**

Palmo Midds

**Niagara Falls Milling Co., Lockport, N. Y.**

Niagara Standard Wheat Bran  
Niagara Standard Wheat Midds

**Northwestern Consolidated Milling Co., Minneapolis, Minn.**

Planet Feed  
Pure Wheat Bran  
Wheat Flour Middlings  
Wheat Mixed Feed  
Wheat Standard Middlings  
XXX Comet

**Norwalk Grain Co. Inc., 48 Main St., Norwalk, Conn.**

Favorite Scratch

**Nowak Milling Corp., Hammond, Ind.**

Domino Chick Pel-ets  
Domino Duo-fold Pel-ets  
Domino Egg Pel-ets  
Domino Growing Pel-ets  
Domino Laying Mash with Buttermilk  
Domino Scratch Feed  
Export Scratch Feed  
Fidelity Scratch Feed  
Fidelity Stock Feed

**Ogilvie Flour Mills Co. Ltd., Montreal, Canada.**

Ogilvie's Wheat Bran  
Ogilvie's Wheat Shorts

**Omaha Flour Mills Co., Omaha, Neb.**

Omar Wheat Standard Midds

**Ontario Milling Co. Inc., Oswego, N. Y.**

Aunt Mary's Chick Starting Mash with Dried Buttermilk and Cod Liver Oil  
Aunt Mary's Coarse Chick Grains  
Aunt Mary's Fine Chick Grains  
Aunt Mary's Growing Mash with Dried Buttermilk  
Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil  
Aunt Mary's Laying Mash with Dried Buttermilk  
Aunt Mary's Laying Mash with Dried Buttermilk and Cod Liver Oil  
Aunt Mary's Scratch Feed  
Big Value Dairy Feed  
Big Value 20% Dairy Feed with Molasses  
Butterfat Dairy Feed with Molasses  
Ontario Heavy Mixed Feed  
Onto Horse Feed with Molasses  
Oswego 20% Dairy Feed with Molasses  
Oswego 24% Dairy Feed with Molasses  
Oswego Laying Mash with Dried Buttermilk  
Oswego Scratch Feed  
Uncle John's 24% Cream Pot Ration  
Uncle John's Stock Feed with Molasses

**S. V. Osborn Estate, Branford, Conn.**

Osborn Mash  
Osborn Provender  
Osborn Scratch

**Park & Pollard Co., Inc., Buffalo, N. Y.**

All-In-One Starting Feed  
Bet-R-Milk 20% Ration  
Bison Stock Feed Sweetened  
Chelsea Horse Feed  
Claco Dairy Ration  
Corn and Oats  $\frac{1}{2}$  and  $\frac{1}{2}$   
Fawthrop's Special 20% Dairy Ration (Manufactured for Walter Fawthrop, Cromwell, Conn.)  
Feed Meal  
Growing Feed  
Growing Feed with Cod Liver Oil  
Go-Tu-It Pig & Hog Ration  
Herdhelth 16% Ration  
Holcomb's Sweetened 16% Ration (Manufactured for R. H. Holcomb & Co., Newtown, Conn.)  
Holcomb's Sweetened 20% Dairy Ration (Manufactured for R. H. Holcomb & Co., Newtown, Conn.)  
Intermediate Chick Feed  
Lay or Bust Dry Mash  
Lay or Bust Dry Mash with Cod Liver Oil  
Milkade Calf Meal  
Milk-Maid 24% Sweetened Dairy Ration  
Overall 24% Dairy Ration  
Park & Pollard Breeder Mash  
Park & Pollard Broiler Ration  
Park & Pollard Chick Scratch  
Park & Pollard Chick Starter  
Park & Pollard Fitting Ration  
Park & Pollard Horse Feed  
Park & Pollard Stock Feed  
Park & Pollard Turkey Grower  
Park & Pollard Turkey Starter  
Red Ribbon Chick Feed  
Red Ribbon Scratch Feed  
Top Notch 16% Ration  
Wheat Flour Middlings

**The Patent Cereals Co., Geneva, N. Y.**

Hominy Feed

**Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico.**

Alfalfa Meal  
Peevee Alfalfa Leaf Meal  
Velvet Meal

**Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.**

Douglas Corn Gluten Feed  
Douglas Corn Gluten Meal

**Perkins Oil Co. Inc., Memphis, Tenn.**

Goldenrod Brand Cottonseed Meal

**Pillsbury Flour Mills Co., Minneapolis, Minn.**

Pillsbury's XX Daisy Wheat Red Dog  
Pillsbury's Durum Wheat Bran and Screenings  
Pillsbury's Fancy Mixed Feed and Screenings  
Pillsbury's Hard Wheat Bran and Screenings  
Pillsbury's Hard Wheat A Middlings and Screenings

**Pillsbury Flour Mills Co., Minneapolis, Minn.—(Continued)**

Pillsbury's Hard Wheat Standard B Middlings and Screenings  
Pillsbury's Rye Middlings and Screenings  
Pillsbury's Wheat Bran and Screenings

**Maurice Pincoffs Co., Houston, Texas.**

Pinco Brand Cottonseed Meal

**Pittsburgh Plate Glass Co., Newark, N. J.**

Red Wing Linseed Meal 32%  
Red Wing Linseed Meal 34%

**The Frank S. Platt Co., 450 State St., New Haven, Conn.**

Platco Laying Mash  
Platco Perfection Grain Mixture

**Postum Co., Inc., Battle Creek, Mich.**

Burt's Dairy Feed  
Burt's Hominy Feed

**Pratt Food Company, Inc., Buffalo, N. Y.**

Armour's 24% Dairy Feed  
Iroquois Scratching Grains  
Pratt's Baby Chick Food with Buttermilk  
Pratt's B-P Dairy Feed  
Pratt's Cak-Cak Egg Mash with Buttermilk, Fish, Meat, Etc.  
Pratt's Calf Meal with Buttermilk  
Pratt's Chick Scratch Feed  
Pratt's Circle A Large Scratch Feed  
Pratt's Growing Mash with Buttermilk  
Pratt's Horse Feed  
Pratt's Horse Feed with Alfalfa  
Pratt's Intermediate Scratch Feed  
Pratt's Laying Mash with Buttermilk  
Pratt's Large Scratch Feed  
Pratt's Sweet 16% Dairy Feed  
Pratt's Sweet 20% Dairy Feed  
Pratt's Sweet 24% Dairy Feed  
Pratt's Utility Horse Feed

**Chas. W. Priddy & Co., Inc., Norfolk, Va.**

"The Best" Fish Meal

**H. C. Puffer Co., Springfield, Mass.**

Egg-Em-On Growing Feed  
Egg-Em-On Laying Mash  
Egg-Em-On Scratch Grains  
Producer Dairy Feed 20%  
Producer Dairy Feed 24%  
Sweetened Producer Dairy Feed

**The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.**

Banner Feed  
Barley Feed  
Bell Cow Bran  
Bell Cow Shorts  
Big Egg Scratch Grains, No Grit  
Buckeye Feed  
Early Bird Coarse Chick Feed

**The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.—(Continued)**

Early Bird Fine Chick Feed, No Grit  
Early Bird Scratch Grains, No Grit  
Feeding Oatmeal  
Quaker Ful-O-Pep Broiler Mash  
Quaker Ful-O-Pep Chick Starter  
Quaker Ful-O-Pep Coarse Chick Feed  
Quaker Ful-O-Pep Egg Mash  
Quaker Ful-O-Pep Fine Chick Feed  
Quaker Ful-O-Pep Growing Mash  
Quaker Ful-O-Pep Scratch Grains  
Quaker Ful-O-Pep Station Grade Fattening Feed  
Quaker Green Cross Horse Feed  
Quaker 16% Protein Dairy Ration  
Quaker 20% Protein Dairy Ration  
Quaker 24% Protein Dairy Ration  
Quaker Schumacher Feed  
Quaker Sugared Schumacher Feed  
Quaker Thorobred Horse Feed  
Richford White Diamond Stock Feed  
Schumacher Calf Meal  
Schumacher Scratch Grains, No Grit  
Sugared Vim Feed  
Vim Feed  
White Hominy Feed  
Yellow Hominy Feed

**Ralston Purina Co., St. Louis, Mo.**

Corn Feed Meal  
Corn and Oat Provender  
Dried Beet Pulp  
Fine Ground Poultry Alfalfa Meal  
Protena 16% Dairy Feed  
Protena 20% Dairy Feed  
Protena 24% Dairy Feed (Buffalo Mill)  
Protena Scratch Feed (Buffalo Mill)  
Protena Sweet Roughage Feed (Buffalo Mill)  
Purina All Mash Egg Chowder  
Purina All Mash Startena Chow  
Purina Breeder Egg Chowder  
Purina Bulky Cow Chow  
Purina Bulky Las Chow (Buffalo Mill)  
Purina Bulky Omolene Chow  
Purina Calf Chow  
Purina Checkerboard Rolled Oats (Steamed Cooked)  
Purina Chick Chow  
Purina Chicken Fat Chow  
Purina Chicken Fatena Chow  
Purina Chick Growena Chow  
Purina Chick Growena Chow (With Cod Liver Oil)  
Purina Chick Startena Chow  
Purina 20% Cow Chow  
Purina 24% Cow Chow  
Purina 34% Cow Chow  
Purina 32% Chowder  
Purina Egg Chowder  
Purina Egg Chowder (With Cod Liver Oil)  
Purina Egg Chowder (With Dried Buttermilk)  
Purina Fitting Chow  
Purina Hen Chow

**Ralston Purina Co., St. Louis, Mo.—(Continued)**

Purina Hog Fatena Chow  
 Purina Intermediate Hen Chow  
 Purina Lamb Chow  
 Purina Lay Chow  
 Purina Lay Chow (With Cod Liver Oil)  
 Purina Lay Chow (With Dried Buttermilk)  
 Purina Omolene Chow  
 Purina Pig & Hog Chow  
 Purina Turkey Growing and Fattening Chow  
 Purina Turkey Growing and Fattening Chow (With Cod Liver Oil)  
 Purina Turkey Startena Chow

**John Reardon & Sons Co., Cambridge, Mass.**

Register Brand Cod and Haddock Fish Meal  
 45% Register Brand Meat and Bone Scrap  
 55% Register Brand Meat Scraps

**James Richardson & Sons, Ltd., Montreal, Quebec, Canada.**

Richardson Pure Wheat Bran

**Robin Hood Mills, Ltd., Moose Jaw & Calgary, Canada.**

Blackhawk Standard Middlings  
 Superior Pure Wheat Bran  
 Superior Pure Wheat Shorts

**Rockville Milling Co., Rockville, Conn.**

K-Y Wheat Bran with Screenings

**Sigmond Rothschild Co., Houston, Texas.**

43% Bright Cotton Seed Meal (for stock feed)

**Russell-Miller Milling Co., Minneapolis, Minn.**

Alta Hard Wheat Middlings  
 Hard Wheat Occident Bran  
 Hard Wheat Occident Flour Middlings  
 Hard Wheat Occident Mixed Feed  
 Hard Wheat Occident Standard Middlings

**Seymour Grain & Coal Co., Seymour, Conn.**

Miracle Chick Feed  
 Miracle Chick Grower  
 Miracle Chick Starter  
 Miracle Cow Feed  
 Miracle Fitting Ration  
 Miracle Molasses Horse Feed  
 Miracle Laying Mash with Milk  
 Miracle Scratch Feed  
 See More Milk Dairy Feed

**J. C. Shaffer Grain Co., St. Louis, Mo.**

Shafco Wheat Bran with Screenings

**Sheffield Farms Co. Inc., 524 W. 57th St. New York City.**

Sheffield Skim Milk Powder

**Shelton Feed Co. Inc., 73 Bridge St., Shelton, Conn.**

Nelson's Mixed Chicken Feed

**Sherwin Williams Co., 101 Prospect Ave., Cleveland, Ohio.**

S. W. C. Old Process Linseed Meal

**G. B. R. Smith Milling Co., Sherman, Texas.**

Wheat Bran and Screenings  
Wheat Gray Shorts

**Ike Sovitsky, Ansonia, Conn.**

Ansonia 20% Protein Sweetened Dairy Feed  
Ansonia Egg Mash with Buttermilk  
Ansonia Scratch Feed  
Ansonia Stock Feed  
Connecticut State Open Formula Dairy Ration

**Soya Products, Inc., Chicago, Ill.**

Super Soy

**Sparks Milling Co., Alton, Ill.**

Try Me Bran

**Springfield Rendering Co., Springfield, Mass.**

Boston Pure Cod & Haddock Meal  
High Grade Poultry Feed  
Springfield Poultry Feed  
Springfield "55" Poultry Feed

**A. E. Staley Manufacturing Co., Decatur, Ill.**

Staley's Corn Gluten Feed  
Staley's Soybean Oil Meal

**John T. Stanley Co., Inc., 642 W. 30th St., New York City.**

Stanley's 45% Meat and Bone Scrap for Poultry

**D. A. Stickell & Sons, Inc., Hagerstown, Md.**

Blue Ridge Hog Ration  
Mixed Wheat Feed  
Snap Scratch Grains  
Special 20% Dairy Feed  
Stickell's Certified 20% Ration  
Stickell's Certified 22% Ration  
Stickell's Growing Mash  
Stickell's Intermediate Chick Feed  
Stickell's Pure Wheat Bran  
Stickell's Pure Wheat Flour Middlings  
Su-Pur All Mash Starter  
Su-Pur 85% Horse Feed  
Two in One Scratch Grains  
Victor Scratch Grains

**St. Albans Grain Co., St. Albans, Vt.**

Brewers Dried Grains  
Corn Distillers Dried Grains  
Hygrade Fitting Ration<sup>1</sup>  
Hygrade Fitting Ration or Stock Feed  
Hygrade 16 Sweetened Milk Ration  
Hygrade 20 Sweetened Milk Ration  
Hygrade 24 Sweetened Milk Ration

<sup>1</sup> Substituted for Hygrade 14 Fitting Ration.



**St. Albans Grain Co., St. Albans, Vt.—(Continued)**

King All-Purpose Chick and Broiler Ration  
 King Baby Chick Starter containing Cod Liver Meal-Buttermilk-Cod  
 Liver Oil  
 King Chick Feed  
 King 20 Dairy Feed Sweetened  
 King Dairy Feed with Beet Pulp Sweetened  
 King Growing Feed containing Buttermilk  
 King Growing Feed containing Cod Liver Oil-Buttermilk  
 King Horse Feed  
 King Intermediate Chick Feed  
 King Mash Feed containing Buttermilk  
 King Mash Feed containing Cod Liver Oil-Buttermilk  
 King 22 Milk Ration Sweetened  
 King Scratch Feed  
 King Stock Feed  
 Mornin' Call Poultry Grains  
 Paragon Dairy Feed  
 Paragon Dairy Feed Sweetened  
 Paragon Hominy Feed  
 Paragon Scratch Feed  
 Utility Dairy Ration  
 Utility 60 Pasture Ration  
 Wirthmore All-Purpose Chick and Broiler Ration  
 Wirthmore Baby Chick Scratch Feed  
 Wirthmore Baby Chick Starter containing Cod Liver Meal-Buttermilk,  
 Cod Liver Oil  
 Wirthmore 25 Balanced Ration  
 Wirthmore 25 Balanced Ration Sweetened  
 Wirthmore Breeder Mash  
 Wirthmore Calf Meal  
 Wirthmore Complete Ration for Layers  
 Wirthmore 16 Dairy Ration Sweetened  
 Wirthmore 20 Dairy Feed  
 Wirthmore 20 Dairy Feed Sweetened  
 Wirthmore Dairy Feed with Beet Pulp—Sweetened  
 Wirthmore Duck Growing Feed  
 Wirthmore 14 Fitting Ration  
 Wirthmore Flour Middlings  
 Wirthmore Fodder Greens  
 Wirthmore Growing Mash containing Buttermilk  
 Wirthmore Growing Mash containing Cod Liver Oil-Buttermilk  
 Wirthmore Horse Feed  
 Wirthmore Intermediate Scratch Feed  
 Wirthmore Laying Mash with Buttermilk  
 Wirthmore Laying Mash containing Cod Liver Oil-Buttermilk  
 Wirthmore Pig and Hog—A Growing and Fattening Feed  
 Wirthmore Scratch Feed  
 Wirthmore Stock Feed  
 Wirthmore Turkey Growing  
 Wirthmore Turkey Starter containing Cod Liver Meal-Buttermilk  
 Wirthmore Wheat Feed

**St. Lawrence Flour Mills Co., Ltd., Montreal, Quebec, Canada.**

Bran—(Product of Wheat)

**Chas. M. Struven Co., Baltimore, Md.**

Struven's Fish Meal

**Swift & Co., Union Stock Yards, Chicago, Ill.**

Swift's Dried Buttermilk  
Swift's Meat and Bone Scraps  
Swift's Poultry Bone Meal

**Syracuse Milling Co., Syracuse, N. Y.**

Jordan Horse Feed with Molasses  
Onondaga Dairy Feed, Sweetened  
Onondaga Scratch Grains  
Syragold Chick Feed  
Syragold Chick Starter  
Syragold Dairy Feed  
Syragold Dairy Feed—Sweetened  
Syragold Egg Mash  
Syragold Feed Meal  
Syragold Flour Middlings with Mill Run Screenings  
Syragold Growing Mash  
Syragold Growing Mash with Cod Liver Meal  
Syragold Ground Corn and Oat Feed  
Syragold Horse Feed with Molasses  
Syragold Laying Mash with Buttermilk  
Syragold Laying Mash with Buttermilk and Cod Liver Meal  
Syragold Milk Ration  
Syragold Milk Ration—Sweetened  
Syragold Scratch Grains  
Syragold Stock Feed

**Thomaston Supply Co., Inc., Thomaston, Conn.**

Thomaston Dairy Ration  
Thomaston Egg Mash with Cod Liver Oil  
Thomaston Growing Mash with Cod Liver Oil  
Thomaston Scratch

**Tioga-Empire Feed Mills, Inc., Waverly, N. Y.**

Chicatine  
Chicatine with Cod Liver Oil Added  
Derby-E-Gee Chick Grains  
Derby-E-Gee Scratch  
Derby Ground Corn and Oats  
Duck Fattener  
Egatine  
Egatine with Cod Liver Oil Added  
E-Gee Dairy Feed  
Neverfail Horse Feed  
Or-Co Feed  
Red Brand Tioga Dairy  
Ti-O-Ga Calf Food  
Ti-O-Ga Chick and Growing Mash  
Tioga Chick and Growing Mash with Cod Liver Oil  
Ti-O-Ga Laying Food  
Ti-O-Ga Neverfail Chick Grains  
Ti-O-Ga Neverfail Growing Grains  
Ti-O-Ga Neverfail Poultry Grain  
Waverly Flour Middlings  
White Brand Tioga Dairy Feed

**Jacob Trinley & Sons, Linfield, Pa.**

Corn Feed Meal  
Favorite Horse Feed  
Favorite Laying Mash  
Favorite Scratch Grains  
Melo Horse Feed  
Supreme 85% Horse Feed

**Union Starch and Refining Co., Columbus, Ind.**

Union Corn Gluten Feed

**United Co-Operative Farmers, Inc., Fitchburg, Mass.**

United Farmers Milk Egg Mash  
United Farmers Milkmaker

**United Mills Co., Inc., Grafton, Ohio.**

U. M. C. Wheat Middlings

**Upper Hudson Rye Flour Mills, Inc., 7-9 Madison St., Troy, N. Y.**

Upper Hudson Rye Feed

**Van Iderstine Co., Long Island City, N. Y.**

Vico High Protein Meat Scraps  
Vico Pure Ground Meat & Bone Scraps  
Vico Quality Meat & Bone Scraps

**Van Vechten Milling Co., Inc., Rochester, N. Y.**

Irving Mills Rye Feed

**Victor Flour Mills, Inc., Pittsford, N. Y.**

Victor Spring Wheat Bran  
Victor Spring Wheat Middlings

**Ward Dry Milk Co., St. Paul, Minn.**

Ward's Pure Dried Buttermilk  
Ward's Pure Dried Skim Milk

**Watertown Co-operative Ass'n, Watertown, Conn.**

Sterling Scratch Feed

**Wayne County Grangers Feed Corp., Clyde, N. Y.**

Clyde 20% Dairy Feed  
"Galen 24% Dairy Feed"  
"Milk Producer 24% Dairy Feed"  
"Superior 20% Dairy Feed"  
"Sweetened 16% Dairy Feed"  
Universal Horse Feed

**F. S. Wertz & Son, Reading, Pa.**

Faramel Horse Feed  
Mixed Grains for Poultry  
Reading Egg Mash  
Special Dairy Feed  
Wertz's 20% Dairy Feed  
Wertz's Growing Mash with Malted Skimmed Milk  
Wertz's Horse Feed with Alfalfa and Molasses

**West Bay City Sugar Co., Bay City, Mich.**

Dried Beet Pulp

**West-Nesbitt, Inc., Oneonta, N. Y.**

All Pure 20% Milk Ration  
Connecticut State Formula Mash  
Pure Feed Dairy Ration  
Pure Feed Eggmaker  
Pure Feed Egg Mash  
Pure Feed Egg Mash with Buttermilk  
Pure Feed Starting Mash  
Super Pure Feed Dairy Ration  
Super Pure Sweetfeed Dairy Ration

**Wolf's Feed Store, 165-169 Center St., Shelton, Conn.**

Wolf's Egg Mash  
Wolf's 20% Dairy Ration  
Wolf's Scratch Feed

**Worcester Rendering Co., Auburn, Mass.**

P. W. Fish Meal  
P. W. Meat Scrap  
P. W. Special Meat Scrap

**The Yantic Grain & Products Co., Norwich, Conn.**

Abington Dairy Feed  
Almo  
Big (Y) Broiler Ration  
Big (Y) Buttermilk Laying Mash  
Big (Y) Chick Grains  
Big (Y) Chick Starter with Cod Liver Oil  
Big (Y) Dairy Ration 16%  
Big (Y) Dairy Ration 20%  
Big (Y) Dairy Ration 24%  
Big (Y) Fitting Ration  
Big (Y) Flour Middlings  
Big (Y) Growing Feed  
Big (Y) Hog and Pig Ration  
Big (Y) Horse Feed  
Big (Y) Intermediate Chick Grain  
Big (Y) Laying Mash  
Big (Y) Laying Mash with Buttermilk and Cod Liver Oil  
Big (Y) Mixed Feed  
Big (Y) Scratch Feed  
Big (Y) Stock Feed  
Big (Y) Sugared Stock Feed  
Big (Y) Turkey Growing Feed  
Calico Girl Scratch Feed  
Columbia Scratch Feed  
Economy Pasture Ration  
Eureka Dairy Ration 20%  
Eureka Dairy Ration 24%  
O F D Ration 20%  
O F D Ration 24%  
Uncas Scratch Feed

## INSPECTION

For the year 1932 a total of 1,358 samples of feeding stuffs and related materials have been examined. They are classified as follows:

Concentrated feed stuffs.....	836
Miscellaneous feeds examined for individuals.....	72
Feeds examined for poisons, etc. ....	12
Pasture grass samples and other fodder materials from Storrs' station .....	417
Check samples, cottonseed meal and feed.....	21
Total .....	<u>1358</u>

Samples submitted by the Storrs Agricultural station are not discussed in this report.

From the summaries given in Tables 1 *a* and 1 *b* it appears that of 836 official samples 121 were deficient in one or more items of nutrients guaranteed, but of the total guaranties made (2508), the total number of deficiencies was 128. Thus it is seen that 85% of the samples substantially met or exceeded guaranties, and that of the total guaranties made 95% were met or exceeded.

Only one instance of the use of wire in attaching tags was found. Such practice is illegal in this State.

No serious contamination with weed seeds was noted and, in general, ingredients claimed were substantiated so far as our microscopic examinations could discover.

Analyses of all official samples are reported to the purchaser and to the manufacturer or jobber as soon as they are made and, in case of deficiencies, portions of our samples are submitted to manufacturers for checking if the request is made.

NOTE. Analyses are by Messrs. Nolan, Mathis and Walden; microscopic examinations by Mr. Shepard and Miss Shepard; sampling by Mr. Churchill; and compilation of results largely by Mrs. Vosburgh.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	%	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	OIL SEED PRODUCTS <i>Cottonseed meal</i>									
9107	Ashcraft-Wilkinson Co., Atlanta, Ga. Helmet.....	Norwalk: Libner Grain Co.....	5.68	40.88	41.00		9.93	10.00	6.68	5.50
9187	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch.....	Seymour: Seymour Grain & Coal Co.....	5.58	43.25	43.00		8.05	10.00	6.35	6.00
535	Ashcraft-Wilkinson Co., Atlanta, Ga. Monarch.....	Norwalk: Libner Grain Co.....	7.96	44.00	43.00		9.03	10.00	6.18	6.00
974	Ashcraft-Wilkinson Co., Atlanta, Ga. Paramount.....	Middlefield: Middlefield Grain & Coal Co.....	7.75	37.88	36.00		10.00	14.00	6.63	5.00
1250	F. W. Brode Corp., Memphis, Tenn. Owl Brand 41%.....	Wallingford: A. E. Hall.....	6.00	42.00	41.00		9.58	10.00	6.33	5.00
177	Humphreys-Godwin Co., Mem- phis, Tenn. Bull.....	Danielson: Dayville Grain Co....	6.35	42.88	43.00		8.13	11.00	7.23	5.00
9230	Humphreys-Godwin Co., Mem- phis, Tenn. Dixie.....	Branford: S. V. Osborn Est.....	7.65	40.88	41.00		10.00	12.00	6.18	5.00
1059	International Vegetable Oil Co., Savannah, Ga. High Grade...	Danielson: Dayville Grain Co....	6.48	40.88	41.00		10.08	10.00	6.18	6.00

997	Larowe Milling Co., Detroit, Mich. 41% Prime Quality....	Oneco: F. C. Whitford.....	6.58	40.63	41.00	7.43	10.00	7.00	6.00
68	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand," 41%.....	Wallingford: Laden Bros. Co., Inc.....	5.45	41.88	41.00	8.95	10.00	6.90	6.00
212	L. B. Lovitt & Co., Memphis, Tenn. "Lovit Brand," 43%.....	New Milford: Paul Caldwell.....	6.38	42.19	43.00	8.55	10.00	5.98	6.00
470	Perkins Oil Co., Inc., Memphis, Tenn. Goldenrod Brand.....	Shelton: Wolf Savitsky.....	6.90	39.13	41.00	10.85	10.00	6.78	10.00
<i>Linseed meal</i>									
725	Archer-Daniels Midland Co., Minneapolis, Minn. Pure Old Process.....	New Milford: Geo. T. Soule & Co.	9.10	36.88	37.00	7.50	9.00	5.43	4.50
230	Bisbee Linseed Co., Philadelphia, Pa. Bisbee Brand Pure Old Process.....	Middlefield: Terrill & Burnham..	8.48	33.75	34.00	7.13	10.00	6.83	5.00
151	The Canada Linseed Oil Mills, Ltd., Montreal, Canada, "Maple Leaf" Oilcake Meal.....	Norwich: A. E. Shedd.....	5.83	39.06	38.00	7.30	9.00	5.53	5.00
727	Chas. M. Cox Co., Boston, Mass. Sherwin-Williams Screwpress Oil Cake Meal.....	New Milford: Geo. T. Soule & Co.	7.30	32.13	35.00	8.35	8.00	8.25	6.50
9183	Spencer Kellogg & Sons, Inc., Buffalo, N. Y. Kellogg's 37% Old Process.....	Shelton: Wolf Savitsky.....	8.55	39.25	37.00	5.93	10.00	5.05	5.00
1055	Kelloggs & Miller, Inc., Amsterdam, N. Y. "K & M" Brand Pure Old Process.....	Danielson: Dayville Grain Co....	7.85	33.88	34.00	6.95	9.00	6.95	5.00
9100	Meador Milling Co., Inc., Hoboken, N. J. Purifine.....	Bristol: C. A. Cowles.....	8.90	34.25	34.00	7.33	8.00	5.50	5.00
76	Pittsburgh Plate Glass Co., Newark, N. J. Red Wing 32%.....	Kensington: A. S. Labieniec.....	8.88	32.56	32.00	7.85	9.00	6.18	5.00
9106	Pittsburgh Plate Glass Co., Newark, N. J. Red Wing 34%.....	Norwalk: Libner Grain Co.....	9.23	34.00	34.00	7.98	9.00	6.28	5.00
1064	Sherwin-Williams Co., Cleveland, Ohio. S. W. C. Old Process.....	Branford: S. V. Osborn Est.....	8.38	39.06	34.00	7.20	10.00	5.85	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
			Water					
<b>OIL SEED PRODUCTS—Continued</b>								
	<i>Soy bean meal</i>							
84	Archer-Daniels Midland Co., Minneapolis, Minn.	New Britain: C. W. Lines Co.	9.83	42.38	4.83	7.00	5.35	4.50
9071	Buckeye Cotton Oil Co., Cincinnati, Ohio.	Plantville: C. A. Cowles.	6.88	42.75	5.55	7.00	5.60	4.50
9269	Evans Milling Co., Indianapolis, Ind. Evans.	Seymour: Seymour Grain & Coal Co.	5.48	46.88	5.33	7.00	5.35	5.00
175	Soya Products, Inc., Chicago, Ill. Super Soy.	Norwich: A. E. Shedd.	9.48	37.81	5.10	6.50	5.83	5.00
9240	A. E. Staley Mfg. Co., Decatur, Ill. Staley's.	Guilford: Fred C. Morse & Son.	9.60	42.69	4.78	7.00	4.85	4.50
<b>WHEAT PRODUCTS</b>								
	<i>Wheat Bran</i>							
234	Atkinson Milling Co., Minneapolis, Minn. Atkinson.	Danielson: Dayville Grain Co.	10.20	16.13	7.63	12.00	4.13	4.00
556	Commander-Larabee Corp., Minneapolis, Minn. Sunfed.	Kensington: A. S. Labieniec.	11.33	15.75	9.60	12.00	5.10	4.00



236	Copeland Flour Mills, Midland, Ontario, Canada. Dandy.....	Kent: H. H. Taylor & Son.....	11.18	16.25	15.00	9.60	11.50	4.98	3.50
1013	Chas. M. Cox Co., Boston, Mass. Pioneer.....	Southport: C. Buckingham & Co.	5.93	16.00	14.00	9.78	12.00	5.58	3.50
970	Duluth Superior Milling Co., Duluth, Minn. Duluth Imperial..	Amston: Amston Grain Mill.....	11.38	16.63	15.00	8.28	13.00	5.25	3.75
604	B. A. Eckhart Milling Co., Chicago, Ill. Pure.....	New Haven: R. G. Davis & Sons, Inc.....	13.50	17.69	14.00	9.33	12.00	4.68	3.50
1070	Farmers Wholesale Co., Minneapolis, Minn. Farmer Boy..	Stafford Springs: Stafford Farmers Co-op. Assoc.....	10.20	17.13	14.00	8.83	12.00	4.60	4.00
846	Federal Mill, Inc., Lockport, N.Y. Lucky Hard Wheat.....	Guilford: Fred C. Morse & Son...	10.98	14.69	14.00	9.50	14.00	5.60	3.00
672	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Hard Wheat.....	Bridgeport: Brooklawn Feed Co..	11.23	15.75	14.00	8.78	12.00	5.05	4.00
950	Frank B. Ham & Co., Ltd., Toronto, Canada. Hamco Brand.....	Mansfield Depot: M. M. Hansen.	10.88	16.38	13.50	9.30	12.00	5.35	3.00
561	Wm. Hamilton & Son, Inc. Calcedonia, N. Y.....	New Britain: C. W. Lines Co.....	10.85	15.00	13.25	9.88	11.60	4.45	2.90
673	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Choice.....	Southport: C. Buckingham & Co.	11.00	15.75	13.50	10.20	14.00	5.03	3.50
844	J. F. Imbs Milling Co., St. Louis, Mo. Charm Pure Winter.....	Greenwich: T. Loughlin & Son...	10.78	16.00	14.00	7.80	11.00	4.83	3.50
34	International Milling Co., Minneapolis, Minn. Black Hawk Pure	Suffield: Spencer Bros.....	11.23	16.50	15.00	8.50	12.00	5.33	3.20
805	Kansas Flour Mills Corp., Kansas City, Mo. Big Flake Pure.....	Granby: E. H. Rollins.....	12.08	15.13	15.00	8.43	11.00	4.30	3.50
471	Larabee Flour Mills Co., Kansas City Mo. Sunfed Pure Winter..	Shelton: Wolf Savitsky.....	12.10	17.25	15.00	9.03	11.00	4.68	3.50
522	Larabee Flour Mills Co., Kansas City, Mo. Sunfed Winter, with screenings.....	Guilford: Fred C. Morse & Son..	11.78	15.75	15.00	8.88	11.00	4.50	3.50
366	Maple Leaf Milling Co., Toronto, Canada. Pure.....	Norwich: Norwich Grain Co....	12.03	16.88	15.00	9.10	11.50	5.35	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	WHEAT PRODUCTS—Continued		%	%	%	%	%	%	%	%
	<i>Wheat Bran—Concluded</i>									
560	Miner-Hillard Milling Co., Wilkes-Barre, Pa.....	New Britain: C. W. Lines Co....	11.75	14.63	13.00	8.68	10.00	5.28	4.00	
779	Geo. Q. Moon & Co., Inc., Birmingham, N. Y. Moon's.....	Norfolk: Aug. Curtis.....	10.63	15.75	13.00	7.28	10.00	4.83	3.00	
978	Moseley & Motley Milling Co., Rochester, N. Y. Big B.....	Groton: C. W. Campbell Co.....	10.73	15.63	13.50	9.70	13.00	5.40	3.00	
474	Niagara Falls Milling Co., Lockport, N. Y. Niagara Standard..	New Haven: The Moran & Patton Co.....	12.58	15.88	15.50	10.03	11.50	4.48	4.00	
726	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Hard..	New Milford: Geo. T. Soule & Co.	11.10	16.75	14.00	9.33	12.00	5.35	4.00	
796	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's.....	Watertown: Watertown Co-op. Asso.....	11.63	17.38	14.50	7.70	10.00	4.85	3.50	
1406	Rockville Milling Co., Rockville, Conn. K-Y.....	Rockville: Rockville Milling Co..	9.18	15.81	14.00	10.08	11.00	4.18	3.50	
1065	J. C. Shafer Grain Co., St. Louis, Mo. Shafco.....	Branford: S. V. Osborn Est.....	10.93	15.63	14.50	7.33	10.00	4.65	3.50	

1035	Sparks Milling Co., Alton, Ill.	East Haven: A. W. Forbes....	9.03	16.63	15.00	9.03	10.00	5.08	3.50
876	Try-Me..... D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Pure.....	Meriden: H. Grulich.....	10.30	15.00	14.00	8.28	10.00	4.25	4.00
9471	Victor Flour Mills, Inc., Pittsford, N. Y. Victor Spring.....	Hazardville: A. D. Bridge's Sons.	9.75	18.00	15.00	7.65	11.00	4.90	4.00
	<i>Wheat middlings and similar products</i>								
944	Acme-Evans Co., Indianapolis, Ind.	Rockville: Rockville Grain & Coal Co.....	10.40	16.63	15.00	5.85	7.50	4.75	4.00
1071	Acme Millings..... Atkinson Milling Co., Minneapolis Minn. Atkinson Wheat Stan- ard Middlings.....	Willimantic: Willimantic Grain Co.	11.30	18.25	15.00	5.78	9.50	4.80	4.00
97	Commander - Larabee Corp., Minneapolis, Minn. Sunfed Wheat Standard Middlings....	Rockville: Rockville Grain & Coal Co.....	10.28	17.44	14.50	8.45	9.50	5.63	4.00
793	Chas. M. Cox Co., Boston, Mass. Lake Woods Shorts.....	Woodbury: C. L. Adams.....	10.40	18.75	16.00	7.40	8.00	5.58	5.00
1088	Duluth Superior Milling Co., Duluth, Minn. Standard Mid- dlings.....	Danielson: Dayville Grain Co....	10.20	18.50	15.00	6.15	9.50	5.43	4.00
285	Eagle Roller Mills Co., New Ulm, Minn. Eagle Wheat Standard Middlings.....	Wallingford: Laden Bros. Co., Inc.....	9.38	17.63	15.00	6.15	9.50	4.35	4.00
603	B. A. Eckhart Milling Co., Chi- cago, Ill. Standard Wheat Mid- dlings.....	New Haven: R. G. Davis & Sons, Inc.....	10.63	17.00	15.00	8.00	9.50	5.13	4.00
1046	Federal Mill, Inc., Lockport, N. Y. Lucky Hard Wheat Middlings..	Danielson: Young Bros.....	10.53	17.44	15.00	5.25	9.50	4.65	4.50
648	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Med- al Hard Wheat Standard Mid- dlings and Wheat Screenings....	West Cheshire: Cheshire Grain & Coal Co.....	10.58	20.44	15.00	6.43	9.50	5.95	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	WHEAT PRODUCTS—Continued <i>Wheat middlings and similar products—Continued</i>		%	%	%	%	%	%	%	
951	Frank B. Ham & Co., Ltd., Toronto, Canada. Hamco Brand	Mansfield Depot: M. M. Hansen. New Haven: R. G. Davis & Sons, Inc.	9.93	17.94	15.00	6.65	10.50	5.85	3.50	
1039	Wheat Shorts..... Wm. Hamilton & Son, Inc., California, N. Y. Wheat Middlings...	Inc.	11.05	18.38	14.90	5.13	5.40	5.45	4.90	
652	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y. Wheat Standard Middlings.....	Plantville: C. A. Cowles.....	10.30	19.63	15.00	6.55	9.50	5.88	4.75	
771	Hood Mills Co., Hood Mills, Md. Red Dog Brand Flour Middlings	Guilford: Fred C. Morse & Son...	10.60	17.50	14.00	4.23	5.00	3.88	3.00	
36	International Milling Co., Minneapolis, Minn. Black Hawk	Suffield: Spencer Bros.....	10.03	18.69	16.00	2.15	4.00	4.53	3.50	
473	Wheat Flour Middlings..... International Milling Co., Minneapolis, Minn. Black Hawk	Shelton: Wolf Savitsky.....	11.55	17.88	16.00	7.08	8.50	5.35	4.50	
847	Wheat Standard Middlings..... King Midas Mill Co., Minneapolis, Minn. Wheat Standard Middlings.....	Guilford: Fred C. Morse & Son...	10.60	17.81	15.00	6.73	9.50	5.33	4.00	

745	E. Manchester & Sons, Winsted, Conn. Red Star Flour Middlings.....	10.30	18.06	15.00	5.08	6.00	4.95	4.00
367	Maple Leaf Milling Co., Toronto, Canada. Rex Wheat Middlings. Geo. Q. Moon & Co., Inc., Birmingham, N. Y. Moon's Fresh Ground White Middlings.....	11.25	17.00	16.00	6.73	7.50	5.38	5.00
670	Moseley & Motley Milling Co., Rochester, N. Y. Big B Wheat Middlings.....	9.30	15.06	15.00	7.98	7.50	4.68	3.50
649	Cheshire: Center Grain Co.....	10.63	17.56	15.00	5.55	9.00	4.88	4.50
104	Stafford Springs: Valley Grain Co.	8.98	15.88	15.00	6.08	9.00	4.38	3.50
792	Southbury: Southbury Grain Co.	11.25	16.75	15.50	6.08	7.00	5.33	4.50
891	Bloomfield: Bloomfield Farmers' Ex.....	9.40	17.13	15.00	8.55	9.50	5.58	4.00
608	East Haven: A. W. Forbes.....	11.78	17.13	15.00	5.28	8.00	4.15	3.50
241	East Winsted: Leonard Grain Co.....	9.55	15.38	14.00	4.98	6.00	3.95	4.00
1082	New Milford: Geo. T. Soule Co....	10.63	17.88	16.00	3.23	6.00	4.70	4.00
799	Thomaston: Thomaston Supply Co.....	11.20	17.50	15.00	7.33	9.50	5.35	4.00
800	Bristol: Bristol Supply Co.....	10.43	18.88	15.00	7.65	9.50	6.23	4.00
9232	Branford: S. V. Osborn Est.....	10.25	15.94	15.00	5.18	6.00	4.53	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
<b>WHEAT PRODUCTS—Continued</b> <i>Wheat middlings and similar products—Concluded</i>										
878	D. A. Stickell & Sons, Inc., Hagers- town, Md. Stickell's Pure Wheat Flour Middlings.....	Meriden: Meriden Grain & Coal Co.....	10.65	16.63	16.00	3.83	4.00	4.15	6.00	
675	Syracuse Milling Co., Syracuse, N. Y. Syragold Flour Middlings	East Norwalk: Ferris-Devine Co.	10.50	17.38	15.00	5.80	6.00	4.93	4.00	
776	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Waverly Flour Middlings.....	Hawleyville: W. A. Honan.....	10.45	17.50	15.00	6.28	6.00	5.13	4.00	
172	United Mills Co., Grafton, Ohio.	Willimantic: Willimantic Grain Co.....	10.68	17.75	16.50	5.63	7.50	5.15	5.00	
868	Yantic Grain & Products Co., Norwich, Conn. Big Y Flour Middlings.....	Middlefield: Middlefield Center Grain Co. ....	10.83	17.44	16.50	5.15	6.00	4.23	4.50	
513	<i>Wheat red dog</i> Commander-Larrabee Corp., Min- neapolis, Minn. Sunfed Red Dog Pure Wheat Product.....	Seymour: Seymour Grain & Coal Co.....	11.38	19.06	16.00	3.10	4.00	4.68	4.00	

552	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog.....	Kensington: A. S. Labieniec.....	11.30	17.00	16.00	1.93	4.00	4.08	3.50
653	Hecker-Jones-Jewell Milling Co., Buffalo, N. Y.....	Plantville: C. A. Cowles.....	10.20	17.00	15.00	1.58	4.00	3.95	4.25
501	International Milling Co., Minneapolis, Minn. Black Hawk.....	Ansonia: I. Sovitsky.....	11.00	18.25	16.00	2.80	4.00	5.03	3.50
967	Maritime Milling Co., Inc., Buffalo, N. Y. B. Red Dog.....	Windsor: Lewis Bros.....	10.25	16.00	16.00	4.13	4.00	4.33	4.00
540	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's XX Daisy.....	Wallingford: Laden Bros. Co., Inc.....	11.60	18.00	16.00	1.45	4.00	3.98	4.00
988	<i>Wheat feed (mixed feed)</i> E. W. Bailey & Co., Montpelier, Vt. Capital.....	Lebanon: Berkman Grain Co.....	10.48	16.56	14.00	5.28	7.00	4.25	3.00
960	Delaware Mills, Inc., Deposit, N. Y. Delaware Heavy Mixed..	Manchester: Manchester Grain Co.....	10.73	16.00	15.00	5.08	8.50	3.58	4.00
1261	Excelsior Milling Co., Minneapolis, Minn. Pure Camel Fancy Wheat.....	Woodbury: C. L. Adams.....	9.85	15.63	16.00	6.50	8.50	4.40	5.00
947	General Mills, Inc., Minneapolis, Minn. Washburn's Gold Medal Fancy.....	Manchester: Little & McKinney..	11.08	16.69	15.00	5.40	7.50	4.28	3.50
33	H. H. King Flour Mills Co., Minneapolis, Minn. "Gold Mine" ..	Suffield: Spencer Bros.....	11.73	17.88	15.00	7.28	9.50	4.88	4.50
744	E. Manchester & Sons, Winsted, Conn. Red Star.....	Winsted: E. Manchester & Sons..	10.48	17.06	16.00	6.08	7.50	4.73	4.00
1252	Maritime Milling Co. Inc., Buffalo, N. Y. Bull Brand Heavy..	Windsor: Lewis Bros.....	10.85	16.25	15.00	5.98	8.00	4.88	4.00
565	Meech & Stoddard, Inc., Middletown, Conn. Red Wing.....	Middletown: Meech & Stoddard, Inc.....	10.95	16.75	15.00	5.40	10.00	4.80	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	WHEAT PRODUCTS—Concluded <i>Wheat feed (mixed feed)—Concluded</i>		%	%	%	%	%	%	%	%
780	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Fresh Ground.....	Norfolk: Aug. Curtis.....	10.83	14.63	14.00	7.55	10.00	4.20	5.00	
9116	Northwestern Consolidated Milling Co., Minneapolis, Minn. XXX Comet.....	Milford: Milford Grain Co.....	9.98	19.69	16.00	1.78	4.00	4.60	4.00	
708	Pillsbury Flour Mills Co., Minneapolis, Minn. Pillsbury's Fancy	Danbury: C. S. Barnum & Son...	10.95	17.94	15.00	5.45	8.50	5.00	4.00	
719	The Quaker Oats Co., Chicago, Ill. Buckeye.....	Bethel: Morrison & Dunham.....	11.05	16.50	15.50	6.88	10.00	4.60	4.50	
216	Russell-Miller Milling Co., Minneapolis, Minn. Hard Wheat Occident.....	New Milford: Geo. T. Soule Co...	9.90	19.63	15.00	7.30	9.50	5.68	4.50	
9233	St. Albans' Grain Co., St. Albans, Vt. Wirthmore.....	Branford: S. V. Osborn Est.....	10.70	18.38	15.00	5.87	8.00	4.63	4.50	
888	D. A. Stickell & Sons, Inc., Hagerstown, Md.....	Bethlehem: A. T. Miner.....	10.05	15.75	15.00	7.13	9.00	4.38	4.50	



874	Yantic Grain & Products Co., Norwich, Conn. Big Y.....	Tariffville: Tariffville Grain Co...	10.73	16.00	16.00	5.63	8.00	4.08	4.50
MAIZE PRODUCTS									
<i>Corn gluten feed</i>									
740	Clinton Corn Syrup Refining Co., Clinton, Iowa. Clinton Corn Gluten Feed.....	Canaan: Ives & Pierce.....	9.70	29.44	23.00	5.98	8.50	2.53	2.00
852	Corn Products Sales Co., New York City. Buffalo Corn Gluten Feed.....	Noroton Heights: Davis Grain Co.....	10.70	27.75	23.00	7.18	8.50	2.28	2.00
551	Corn Products Sales Co., New York City. Diamond Corn Gluten Meal.....	Kensington: A. S. Labieniec.....	8.38	41.13	40.00	2.08	4.00	1.88	1.00
187	Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa. Douglas Corn Gluten Feed.....	Long Hill: Long Hill Feed Store..	11.30	25.56	23.00	7.00	8.50	1.45	2.00
186	Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa. Douglas Corn Gluten Meal.....	Long Hill: Long Hill Feed Store..	8.78	42.69	40.00	3.70	4.00	1.68	1.00
9241	A. E. Staley Mfg. Co., Decatur, Ill. Staley's Corn Gluten Feed..	Guilford: Fred C. Morse & Son...	9.68	27.94	23.00	5.73	8.00	1.73	1.00
645	Union Starch & Refining Co., Col- umbus, Ind. Union Corn Gluten Feed.....	West Cheshire: Cheshire Grain & Coal Co.....	10.58	25.00	23.00	6.73	8.00	2.13	1.00
<i>Hominy feed</i>									
741	Decatur Milling Co., Inc., Deca- tur, Ill. Homco Brand.....	Canaan: Ives & Pierce.....	9.60	11.56	10.00	5.25	6.00	9.73	7.00
9188	Evans Milling Co., Indianapolis, Ind. Emco.....	Seymour: Seymour Grain & Coal Co.....	9.13	10.25	10.00	6.50	6.00	6.75	6.00
546	Kellogg Co., Battle Creek, Mich. White.....	Meriden: Raymond Ives.....	9.00	11.50	10.00	4.03	5.00	7.50	6.00
102	Chas. A. Krause Milling Co., Mil- waukee, Wis. Badger White.....	Middlefield: Terrill & Burnham..	10.53	12.06	10.00	4.23	5.00	6.65	6.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	MAIZE PRODUCTS—Concluded									
	<i>Hominy feed—Concluded</i>									
517	Miner-Hillard Milling Co., Wilkes-Barre, Pa. Steam Cooked.....	Branford: S. V. Osborn Est.....	9.33	11.00	10.00	4.85	5.00	5.88	5.00	
778	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's.....	Norfolk: Aug. Curtis.....	10.63	10.38	10.00	5.20	6.00	7.95	5.00	
9078	Mt. Vernon Milling Co., Mt. Vernon, Ind. Poco.....	Plainville: F. B. Newton.....	10.05	12.00	10.00	5.13	6.00	8.75	7.00	
9197	Patent Cereal Co., Geneva, N. Y. Postum Co., Inc., Battle Creek, Mich. Burt's.....	East Hartford: Stowe & Rondeau	9.40	11.13	10.00	5.05	5.00	5.65	5.00	
538	The Quaker Oats Co., Chicago, Ill. White.....	East Wallingford: G. W. Ives.....	10.40	11.31	10.00	4.38	5.00	8.15	6.00	
949	The Quaker Oats Co., Chicago, Ill. Yellow.....	Manchester: Little & McKinney..	8.45	11.63	9.50	4.30	5.00	7.50	4.00	
681	The Quaker Oats Co., Chicago, Ill. St. Albans Grain Co., St. Albans, Vt. Paragon.....	Norwalk: Libner Grain Co.....	10.70	10.25	9.50	3.03	5.00	5.63	4.00	
74		Kensington: A. S. Labieniec.....	9.35	12.13	10.00	4.60	7.00	7.48	6.00	
377	MISCELLANEOUS CORN PRODUCTS Anheuser-Busch, Inc., St. Louis, Mo. Anheuser-Busch Brand Corn Oil Cake Meal.....	Manufacturer's sample.....	7.95	22.56	18.00	8.88	11.00	7.05	8.00	

96	Ralston Purina Co., St. Louis, Mo. Corn Feed Meal.....	Manchester: Manchester Grain Co.....	11.55	9.38	8.50	1.98	5.00	4.15	3.00
1023	Jacob Trinley & Sons, Linfield, Pa. Corn Feed Meal.....	Bridgeport: Conn. Feed Co.....	10.33	10.00	8.00	3.00	4.00	6.55	3.00
589	RYE PRODUCTS Miner-Hillard Milling Co., Wilkes- Barre, Pa. Rye Middlings.....	Cromwell: Walter Fawthrop.....	11.00	16.25	12.00	3.73	5.00	4.03	2.50
499	Upper Hudson Rye Flour Mills, Inc., Troy, N. Y. Upper Hud- son Rye Feed.....	Ansonia: I. Sovitsky.....	10.33	17.13	15.50	4.30	6.00	3.53	3.00
590	Van Vechten Milling Co., Inc., Rochester, N. Y. Irving Mills Rye Feed.....	Cromwell: Walter Fawthrop.....	11.58	15.75	13.00	2.98	10.00	3.18	2.00
577	BREWERS' AND DISTILLERS' GRAINS The Dewey Bros. Co., Blanchester, Ohio. Corn Distillers Dried Grains.....	Guilford: Fred. C. Morse & Son...	7.00	25.31	23.00	7.33	13.00	8.13	7.00
9215	Farmers Feed Co., Buffalo, N. Y. "Bull Brand" Dried Brewers Grains.....	Thompsonville: Geo. S. Phelps & Co.....	7.43	28.31	22.00	12.53	17.00	7.05	6.00
654	C. J. Martenis Grain Co., New York City. Alco Dried Brewers' Grains.....	Plantsville: C. A. Cowles.....	9.15	21.63	21.00	14.30	20.00	6.00	6.00
500	DRIED BEET PULP Larrowe Milling Co., Detroit, Mich.....	Ansonia: I. Sovitsky.....	9.73	9.88	8.00	19.45	22.00	0.68	0.40
770	Larrowe Milling Co., Detroit, Mich. Dried Molasses.....	Branford: S. V. Osborn Est.....	11.20	10.75	8.00	15.98	20.00	0.70	0.50
9089	Milmine, Bodman & Co., Inc., New York City.....	Plantsville: C. A. Cowles.....	8.65	9.38	7.00	21.50	20.00	0.33	0.25
9118	Ralston Purina Co., St. Louis, Mo.	Stratford: Farmers Flour & Grain Co.....	9.85	9.38	8.00	18.50	20.00	0.70	0.50



284	The A. B. Caple Co., Toledo, Ohio. Alfalfa Meal.....	New Canaan: Clapboard Hill Co.	10.70	14.13	13.00	26.98	33.00	1.78	1.00
508	G. E. Conkey Co., Cleveland, Ohio. Conkey's All Grain Horse & Mule Feed.....	Ansonia: A. Hodos & Son..... Bethel: Consumers Food Stores, Inc.....	11.63 9.60	11.75 11.63	9.50 9.00	5.83 8.20	9.50 10.00	4.13 3.10	3.00 2.50
1304	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond..	Clinton: Clinton Grain Co.....	13.38	10.50	9.00	6.73	10.00	3.10	3.00
530	R. G. Davis & Sons, Inc., New Haven, Conn. Davis.....	New Haven: R. G. Davis & Sons, Inc.....	11.30	9.69	10.00	10.28	8.00	3.55	3.50
487	R. G. Davis & Sons, Inc., New Haven, Conn. Davis No. 1 Provender.....	Manchester: Manchester Grain Co.....	11.53	10.25	9.00	6.98	10.00	3.05	3.00
977	Delaware Mills, Inc., Deposit, N. Y. Delaware 85 %.....	Manchester: Manchester Grain Co.....	10.30	11.13	9.00	7.75	8.00	5.30	4.00
976	Delaware Mills, Inc., Deposit, N. Y. Ground Corn and Oats....	Bloomfield: Bloomfield Farmers' Exchange.....	7.40	15.31	13.00	24.75	33.00	1.50	1.00
892	Denver Alfalfa Milling & Products Co., Lamar, Colo. Alfalfa Meal	West Cheshire: Cheshire Grain & Coal Co.....	8.10	21.13	20.00	14.85	18.00	2.45	2.50
9062	Denver Alfalfa Milling & Prod- ucts Co., Lamar, Colo. Alfalfa Leaf Meal.....	Amston: Amston Grain Mill.....	11.90	10.75	10.00	5.98	11.00	3.55	3.00
995	Dietrich & Gambrell, Inc., Freder- ick, Md. Pen Mar.....	Woodstock: H. F. Joy.....	9.75	13.25	12.00	9.43	11.50	3.88	3.50
1000	Eastern States Farmers' Ex- change, Springfield, Mass. East- ern States Highland 12.....	Norwich: A. E. Shedd.....	11.00	13.06	10.50	6.10	7.00	4.30	3.50
153	Eastern States Farmers' Ex- change, Springfield, Mass. East- ern States Horse & Calf Ration..	Norfolk: W. A. Spaulding.....	11.10	11.25	9.00	5.93	7.00	4.15	4.00
781	Eastern States Farmers' Ex- change, Springfield, Mass. East- ern States Pure Ground Corn and Oats ½ and ½.....								

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS —Continued		%	%	%	%	%	%	%	%
898	Horse feed—Continued Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Horse Feed with Molasses.....	Hazardville: Amos D. Bridge's Sons.....	10.70	11.38	9.00	5.85	11.00	3.23	2.50	
845	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Garden Spot.....	So. Norwalk: Roodner Feed Co....	8.30	9.38	7.00	11.45	10.00	3.03	2.00	
9131	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Liberty... John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Red Rose 85.....	Southport: C. Buckingham & Co. New Haven: The Moran & Pat- ton Co.....	6.20	8.81	7.00	11.60	10.00	2.25	2.00	
245	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman's Red Rose Pure Ground Corn and Oats.....	Thomaston: Thomaston Supply Co.....	12.00	11.13	9.00	6.13	10.00	3.65	3.00	
872	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Steam- Cooked.....	Suffield: Spencer Bros.....	8.88	11.63	10.00	6.13	9.00	4.08	4.00	
			8.53	10.88	9.00	3.93	6.00	4.75	4.00	

1166	Fernando Valley Mill & Supply Co., Los Angeles, Calif. Fernan- do Alfalfa Stem Meal.....	Plantville: C. A. Cowles.....	7.63	11.75	10.00	40.30	39.00	1.75	1.50
211	Flory Milling Co., Inc., Bangor, Pa. Flory's.....	Danbury: F. C. Benjamin.....	12.10	11.88	9.00	5.73	10.00	3.33	2.50
1015	Flory Milling Co., Inc., Bangor, Pa. Flory's Steam-Cooked.....	East Hartford: Stowe & Rondeau	8.60	10.75	9.50	4.90	4.00	4.33	4.00
1016	Flory Milling Co., Inc., Bangor, Pa. Record.....	East Hartford: Stowe & Rondeau	7.58	9.00	7.00	10.35	11.00	2.80	2.00
1054	J. A. Forrest, Minneapolis, Minn. Alpine Ground Feeding Oatmeal	Danielson: Dayville Grain Co....	9.38	15.94	14.00	4.63	3.90	3.85	5.00
735	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Sweetened.....	Sharon: F. A. Wike & Co.....	10.53	11.75	9.50	5.60	11.00	3.50	3.50
9090 <sup>1</sup>	Hales & Hunter Co., Chicago, Ill. College.....	Plainville: W. S. Eaton.....	12.63	11.63	9.00	7.60	10.00	3.23	2.50
964	The Imperial Grain & Milling Co., Toledo, Ohio. Imperial Steam- Cooked.....	Middletown: Meech & Stoddard, Inc.....	9.45	10.25	9.50	4.83	4.00	4.45	4.60
864	Maritime Milling Co., Inc., Buf- falo, N. Y. B. B. Pure Corn and Oats Half and Half.....	Collinsville: Rourke-Robotham & Co.....	9.95	11.50	10.00	9.03	7.00	5.08	3.00
539	Maritime Milling Co., Inc., Buf- falo, N. Y. Bull Brand B. B. with Alfalfa and Molasses.....	Wallingford: Laden Bros. Co., Inc.....	11.65	10.38	8.00	5.50	10.00	3.48	2.00
38	Meech & Stoddard, Inc., Middle- town, Conn. Red Wing Molasses	Middlefield: Middlefield Grain and Coal Co.....	13.23	11.25	9.00	5.68	10.00	3.13	3.00
173	Miner-Hillard Milling Co., Wilkes- Barre, Pa. "1795" Steam- Cooked Corn and Oats.....	Westerly: C. W. Campbell & Co..	9.58	10.88	9.50	4.45	5.00	4.10	4.00
523	Fred C. Morse & Son, Guilford, Conn. Old Mill.....	Guilford: Fred C. Morse & Son...	12.05	11.75	12.00	5.13	8.00	3.50	4.00
9244	Fred C. Morse & Son, Guilford, Conn. Old Mill Provender ....	Guilford: Fred C. Morse & Son...	12.10	10.81	10.00	5.08	6.00	4.03	3.25

<sup>1</sup> Wire tags illegal.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Horse feed—Continued</i>		%	%	%	%	%	%	%	
962	Ontario Milling Co., Inc., Oswego, N. Y. Onto with Molasses . . . .	Middletown: P. Levson & Son . . . .	12.75	11.25	10.00	5.75	12.00	3.38	3.20	
9234	S. V. Osborn Est., Branford, Conn. Osborn Provender . . . . .	Branford: S. V. Osborn Est. . . . .	11.15	11.13	10.00	5.90	8.00	4.10	4.00	
747	The Park & Pollard Co., Inc., Buf- falo, N. Y. Chelsea . . . . .	East Winsted: Leonard Grain Co.	12.35	10.50	8.00	10.93	12.00	2.43	2.00	
9180	The Park & Pollard Co., Inc., Buf- falo, N. Y. Corn and Oats, One Half and One Half . . . . .	Shelton: Shelton Feed Co. . . . .	11.40	11.38	10.00	7.68	8.00	4.13	3.00	
528	The Park & Pollard Co., Inc., Buf- falo, N. Y. P. & P. . . . .	East River: Deforest & Hotchkiss Co. . . . .	11.08	12.88	10.00	7.30	9.00	3.68	3.50	
472	Pecos Valley Alfalfa Mills Co., Hagerman, New Mexico. Alfalfa Meal. . . . .	Shelton: Wolf Savitsky . . . . .	10.90	13.63	13.00	28.38	33.00	1.98	1.50	
9125	Pecos Valley Alfalfa Mills Co., Hagerman, New Mexico. Peevee Alfalfa Leaf Meal. . . . .	Stratford: Z. C. Ingersoll . . . . .	9.00	19.63	20.00	15.28	18.00	2.45	2.50	



804	Pratt Food Co., Buffalo, N. Y.	Bristol: Bristol Grain & Supply Co.	11.10	9.19	6.50	7.05	12.00	3.75	1.50
9070	Pratt's Utility.	Plantsville: C. A. Cowles.	5.85	13.88	13.00	17.05	18.00	4.83	4.50
534	The Quaker Oats Co., Chicago, Ill.	East Wallingford: G. W. Ives.	12.00	12.63	10.00	10.40	12.00	2.10	2.50
9091	Banner.	Plainville: W. S. Eaton.	8.95	11.50	10.50	5.43	9.00	3.78	3.50
593	The Quaker Green Cross.	Ansonia: I. Sovitsky.	7.85	6.00	5.00	24.30	27.50	2.35	1.25
665	The Quaker Oats Co., Chicago, Ill.	Plainville: W. S. Eaton.	7.53	5.88	5.00	28.70	30.00	1.68	2.00
480	Quaker Thorobred.	New Haven: The Moran & Pat- ton Co.	12.38	13.88	9.00	12.15	15.00	2.88	1.30
689	Sugared Vim.	Ridgefield: Ridgefield Lumber Co.	10.75	11.50	10.00	7.43	11.00	3.78	3.20
191	The Quaker Oats Co., Chicago, Ill.	Stamford: Clapboard Hill Feed Co.	8.75	17.00	15.00	1.15	2.00	5.78	5.00
714	Ralston Purina Co., St. Louis, Mo.	Danbury: H. E. Meeker.	12.20	11.50	10.00	7.00	9.00	4.28	3.20
858	Purina Bulky Omolene Chow.	New Canaan: Clapboard Hill Feed Co.	10.20	11.00	6.00	17.78	30.00	2.55	1.00
514	Purina Checkerboard Rolled Oats (Steam-Cooked).	Seymour: Seymour Grain & Coal Co.	11.63	11.25	10.00	6.53	7.00	4.68	3.50
543	Purina Omolene Chow.	Meriden: H. Grulich.	12.00	10.88	9.80	6.80	9.00	3.93	3.25
39	Ralston Purina Co., St. Louis, Mo.	Middlefield: Terrill & Burnham.	11.48	10.25	9.00	4.00	12.00	2.72	2.50
854	Purina Sweet Roughage Feed (Buffalo Mills).	Stamford: Clapboard Hill Feed Co.	10.95	11.13	10.00	6.53	9.50	4.83	4.00
	Seymour Grain & Coal Co., Seymour, Conn. Miracle Molasses.								
	St. Albans Grain Co., St. Albans, Vt. Wirthmore.								
	D. A. Stickell & Sons, Inc., Hagers- town, Md. Su-Pur 85%.								
	Syracuse Milling Co., Syracuse, N. Y. Syragold Ground Corn and Oat.								

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed not less than	Found	Guaranteed not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%	%
	<i>Horse feed—Continued</i>									
677	Syracuse Milling Co., Syracuse, N. Y. Syragold with Molasses...	East Norwalk: Ferris-Devine Co.	11.55	10.38	8.00	8.98	12.00	2.85	2.50	
700	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby Ground Corn and Oats.....	Hawleyville: W. A. Honan.....	10.55	10.38	9.20	7.30	8.00	4.40	4.00	
703	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Neverfail....	Hawleyville: W. A. Honan.....	11.60	11.38	10.00	5.85	10.00	3.68	3.50	
1020	Jacob Trinley & Sons, Linfield, Pa. Favorite.....	Bridgeport: Conn. Feed Co.....	7.83	8.50	7.00	9.13	12.10	2.75	2.50	
1021	Jacob Trinley & Sons, Linfield, Pa. Melo.....	Bridgeport: Conn. Feed Co.....	7.33	5.50	4.50	11.78	12.10	2.58	1.20	
1019	Jacob Trinley & Sons, Linfield, Pa. Supreme 85%.....	Bridgeport: Conn. Feed Co.....	8.55	9.88	9.00	6.40	11.00	3.53	3.00	
738	Wayne County Grangers "Uni- versal", Clyde, N. Y.....	Canaan: Ives & Pierce.....	12.23	11.38	10.00	5.55	9.00	3.28	3.00	

593	F. S. Wertz & Son, Reading, Pa. Farnel.....	Hartford: N. Y. Feed Corp. ....	11.95	11.00	9.00	5.85	9.00	3.95	3.00
875	Yantic Grain & Products Co., Norwich, Conn. Al-Mo.....	Tariffville: Tariffville Grain Co. .	11.03	11.75	11.00	16.90	15.00	3.05	1.50
957	Yantic Grain & Products Co., Norwich, Conn. Big (Y).....	East Haddam: East Haddam Grain Co. ....	10.90	10.69	10.00	6.38	7.00	3.55	3.00
196	<i>Dairy feeds</i> Allied Mills, Inc., Chicago, Ill.	Danbury: C. S. Barnum & Son. . .	10.20	20.88	20.00	6.00	9.00	3.55	3.50
706	Amco 20%.....	Danbury: C. S. Barnum & Son. . .	9.55	24.00	24.00	7.55	9.00	4.43	3.50
729	Allied Mills, Inc., Chicago, Ill. Amco 24%.....	Kent: M. L. Lynch.....	9.68	20.75	20.00	6.73	9.00	3.95	3.50
221	Amco 20% National.....	Kent: M. L. Lynch.....	10.98	16.75	16.50	8.13	12.00	3.58	3.50
557	Amco 16½ Sucrene.....	New Britain: S. P. Stroppe.....	9.35	25.13	25.00	8.23	10.00	4.03	4.00
548	Academy Farms Milling Co., Chi- cago, Ill. Advanced Registry....	Meriden: Raymond Ives.....	10.65	22.13	22.00	8.23	12.00	4.33	4.00
558	Academy Farms Milling Co., Chic- ago, Ill. Milkers Ready Ration.	New Britain: S. P. Stroppe.....	9.85	21.50	20.00	9.20	10.00	3.43	3.50
989	Academy Farms Milling Co., Chic- ago, Ill. Producer's 20% Ready Ration.....	Lebanon: Berkman Grain Co. ....	9.20	25.13	24.00	5.93	9.00	4.03	5.00
107	E. W. Bailey & Co., Montpelier, Vt. Capital.....	West Willington: H. M. Hansen..	9.93	21.88	20.00	6.38	7.50	4.23	4.50
144	E. W. Bailey & Co., Montpelier, Vt. Sweetened Favorite.....	Lebanon: Berkman Grain Co. ....	10.28	20.50	20.00	8.05	9.00	3.70	3.50
146	E. W. Bailey & Co., Montpelier, Vt. Our 20% Special.....	Lebanon: Berkman Grain Co. ....	9.40	24.75	24.00	6.73	9.00	4.60	5.00
495	E. W. Bailey & Co., Montpelier, Vt. Sweetened Capital.....	Shelton: Shelton Feed Co. ....	11.48	22.38	20.00	6.58	10.00	3.23	4.00
	Beacon Milling Co., Cayuga, N. Y. Auburn.....								

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
PROPRIETARY MIXED FEEDS— <i>Continued</i>										
<i>Dairy feeds—Continued</i>										
710	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon '20' .....	Danbury: C. S. Barnum & Son....	9.73	21.00	20.00	7.48	9.00	5.20	4.50	
707	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Dairy Ration....	Danbury: C. S. Barnum & Son....	9.38	25.00	24.00	7.85	9.00	4.85	4.50	
9138	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Sweet '20' .....	Bridgeport: H. C. Ferris .....	11.05	21.75	20.00	6.33	9.00	4.55	4.50	
682	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Sweet '24' .....	Bridgeport: H. C. Ferris .....	10.05	25.50	24.00	6.45	9.00	4.38	4.00	
529	Black Rock Milling Corp., Buf- falo, N. Y. Bidwell 20% Dairy Ration.....	East River: Deforest & Hotchkiss Co.....	10.75	21.50	20.00	7.25	11.00	3.45	4.00	
526	Black Rock Milling Corp., Buf- falo, N. Y. Bidwell 24% Dairy Ration.....	East River: Deforest & Hotchkiss Co.....	10.30	24.19	24.00	7.05	11.00	3.15	4.00	
887	Black Rock Milling Corp., Buf- falo, N. Y. Paramount 20% Dairy Ration.....	Woodbury: C. L. Adams.....	10.18	20.00	20.00	9.33	10.00	3.80	4.00	

842	Amos D. Bridge's Sons, Inc., Hazardville, Conn. Success....	Hazardville: Amos D. Bridge's Sons, Inc.....	10.43	22.63	20.00	8.28	9.50	4.55	5.20
971	L. Broder Grain Store, Conn. L. B. Milk Ration.....	Colchester: L. Broder Grain Store	10.05	22.25	20.00	6.65	8.50	6.13	5.00
1029	C. Buckingham & Co., Southbury, Conn. C. B.....	Southport: C. Buckingham & Co.	9.03	24.50	22.80	8.75	9.40	4.65	4.50
983	C. W. Campbell Co., Westerly, R. I. Milky Ration.....	Westerly: C. W. Campbell Co....	9.73	21.38	20.00	8.30	8.00	4.30	4.50
980	C. W. Campbell Co., Westerly, R. I. No-Botheration.....	Mystic: C. W. Campbell Co. ....	9.53	20.88	20.00	6.43	8.00	4.68	5.00
1239	C. W. Campbell Co., Westerly, R. I. No-Botheration.....	Westerly: C. W. Campbell Co....	9.00	20.38	20.00	6.75	8.00	4.60	5.00
1240	C. W. Campbell Co., Westerly, R. I. No-Botheration.....	Groton: C. W. Campbell Co.....	9.35	20.75	20.00	6.93	8.00	4.85	5.00
563	Coles Co., Middletown, Conn. Capital 20 % Molasses.....	Middletown: Coles Co.....	10.45	20.75	20.00	11.93	11.00	3.70	4.00
564	Coles Co., Middletown, Conn. Selco 24 % Molasses.....	Middletown: Coles Co.....	10.53	23.50	24.00	10.78	10.00	3.88	4.50
506	G. E. Conkey Co., Cleveland, Ohio. Conkey's Greco 20 %.....	Ansonia: A. Hodos & Son.....	9.53	24.13	20.00	7.28	9.00	4.20	4.00
1306	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond 16 %.....	Sandy Hook: Consumers Food Stores, Inc.....	8.78	18.25	16.00	9.73	12.00	4.45	3.50
1305	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond 20 %.....	Sandy Hook: Consumers Food Stores, Inc.....	8.65	25.13	20.00	9.33	11.00	4.43	5.00
1076	E. A. Cowee & Co., Fitchburg, Mass. Coweco 20 %.....	Quinebaug: M. T. Dort.....	9.80	21.63	20.00	7.00	10.00	4.18	4.00
650	C. A. Cowles, Plantsville, Conn. C. A. Cowles' 20 %.....	Plantsville: C. A. Cowles.....	9.85	23.00	20.00	8.40	10.00	5.00	5.00
651	C. A. Cowles, Plantsville, Conn. C. A. Cowles' 24 %.....	Plantville: C. A. Cowles.....	9.75	24.00	24.00	7.68	10.00	4.80	6.00
56	P. Cutler, Inc., Colchester, Conn. Prosperity.....	Colchester: P. Cutler, Inc.....	8.63	26.00	24.00	7.03	9.00	4.65	4.00
55	P. Cutler, Inc., Colchester, Conn. Prosperity Economy.....	Colchester: P. Cutler, Inc.....	8.40	25.81	24.00	9.40	12.00	4.18	4.00



994	Dietrich & Gambrell, Inc., Frederick, Md. Pen Mar.....	Amston: Amston Grain Mill.....	9.15	21.50	20.00	6.93	9.00	4.93	4.00
724	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Fulpal.....	New Milford: Paul Caldwell.....	9.88	21.63	20.00	6.78	8.00	4.65	4.50
215	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Highland 20.....	New Milford: Paul Caldwell.....	9.38	21.88	20.00	9.70	12.00	4.93	4.00
986	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Milkmore Dairy Ration.....	Norwich: A. E. Shedd.....	9.90	24.38	24.00	6.25	8.00	4.78	4.50
214	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Sixteen.....	New Milford: Paul Caldwell.....	10.50	17.88	16.00	6.40	8.00	4.75	4.00
594	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore's Economilk 24 % Dairy Feed.....	Hartford: H. L. Solloway.....	9.93	24.00	24.00	8.83	10.00	4.50	4.00
897	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Sweet Digesto....	Hazardville: Amos D. Bridge's Sons.....	10.35	17.38	16.00	11.45	12.00	4.13	4.00
896	Elmore Milling Co., Inc., Oneonta, N. Y. Otsego Economy Ration	Hazardville: Amos D. Bridge's Sons.....	10.20	23.00	20.00	8.68	11.00	4.38	4.00
9191	Elmore Milling Co., Inc., Oneonta, N. Y. R Own Dairy Ration.....	Naugatuck: Naugatuck Fruit & Produce Co.....	10.13	22.06	20.00	7.08	9.00	4.33	4.00
721	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified 20% Dairy Ration.....	Brookfield: S. A. Smith.....	9.65	22.50	20.00	6.85	8.00	4.55	4.00
722	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Challenge Dairy Feed.....	Brookfield: S. A. Smith.....	9.95	24.63	24.00	7.80	11.00	4.90	4.00
678	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Conestoga 20.....	So. Norwalk: Roodner Feed Co....	10.23	21.88	20.00	8.13	11.00	4.05	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FOODS— <i>Continued</i>									
	<i>Dairy Feeds—Continued</i>									
723	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Golden Rod 25.....		%	%	%	%	%	%	%	
679	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Lancaster 20.....	Brookfield: S. A. Smith.....	8.83	27.38	25.00	8.18	11.00	4.50	5.00	
475	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Open Formula 20.....	So. Norwalk: Roodner Feed Co...	10.30	22.00	20.00	7.45	11.00	3.95	4.00	
562	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose 24.....	New Haven: The Moran & Pat- ton Co.....	10.58	22.00	20.00	7.95	9.00	4.03	4.00	
492	Flory Milling Co., Inc., Bangor, Pa. Flory's.....	New Britain: Wm. Cohen, Inc. ...	10.38	23.88	24.00	7.70	11.00	3.83	4.00	
210	Flory Milling Co., Inc., Bangor, Pa. Record....	Manufacturer's sample..... Danbury: F. C. Benjamin.....	10.28 10.40	25.13 23.38	24.00 20.00	9.35 7.40	11.00 9.00	4.30 3.93	5.00 5.00	



1288	A. W. Forbes, East Haven, Conn. R-Own.....	9.88	20.31	20.00	10.30	12.00	4.10	3.00
1001	J. B. Garland & Son, Worcester, Mass. Royal Worcester Complete Ration.....	10.18	20.50	20.00	8.33	10.00	3.43	3.00
674	General Mills, Inc., Minneapolis, Minn. Eventually Gold Medal Dairy Ration.....							
736	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Milk Maker.....	9.25	21.63	20.00	8.13	8.50	5.05	5.00
581	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's Sweetened 20%.....	9.40	21.25	20.00	7.53	12.00	5.10	5.00
580	D. H. Grandin Milling Co., Jamestown, N. Y. M-S (Money-Saver) 20% Sweet.....	10.38	21.38	20.00	6.65	10.00	4.50	4.00
662	Hales & Hunter Co., Chicago, Ill. Red Horn 20%.....	10.20	19.75	20.00	9.65	12.00	3.98	4.00
542	Laden Bros. Co., Inc., Wallingford, Conn. Laden's.....	9.85	22.00	20.00	7.63	9.00	4.65	4.00
668	Larowe Milling Co., Detroit, Mich. Larro—The Ready Ration for Dairy Cows.....	10.55	18.06	20.00	7.83	9.00	4.28	4.50
9172	Libner Grain Co., Inc., Norwalk, Conn. 20% Libner's Blue Ribbon Dairy Ration.....	9.50	21.56	20.00	9.50	12.00	4.03	4.00
9170	Libner Grain Co., Inc., Norwalk, Conn. 24% Libner's Blue Ribbon Dairy Ration.....	10.15	23.00	20.00	6.35	9.00	3.95	4.50
559	The C. W. Lines Co., New Britain, Conn. Mill Pride Dairy Ration.....	9.70	26.31	24.00	5.55	9.00	4.05	5.00
1285	Litchfield County Co-op. Assoc., Torrington, Conn. Common Sense Dairy Ration.....	9.83	23.69	24.00	7.70	10.00	4.78	5.00
	Torrington: Litchfield County Co-op. Assoc.....	9.40	21.13	20.00	8.25	9.00	4.65	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FOODS— <i>Continued</i> <i>Dairy feeds—Continued</i>									
683	Long Hill Feed Store, Long Hill, Conn. Square Deal Dairy Ra- tion.....	Long Hill: Long Hill Feed Store..	8.55	%	20.88	%	9.00	%	4.63	%
743	E. Manchester & Sons, Winsted, Conn. Red Star Special.....	Winsted: E. Manchester & Sons..	9.75	%	22.00	%	7.20	%	5.43	%
742	E. Manchester & Sons, Winsted, Conn. Red Star Sweet Sixteen..	Winsted: E. Manchester & Sons..	10.00	%	18.13	%	7.80	%	5.45	%
1014	Maritime Milling Co., Inc., Buf- falo, N.Y. B. B. Hi-Test, 20% Sweetened.....	Collinsville: Rourke-Robotham & Co.....	10.23	%	19.44	%	9.70	%	4.28	%
969	Maritime Milling Co., Inc., Buf- falo, N.Y., B. B. Marmico 16% with Molasses.....	Windsor: Lewis Bros.....	10.98	%	16.50	%	10.50	%	3.35	%
720	Maritime Milling Co., Inc., Buf- falo, N. Y. Sweetened Bull Brand "20" Dairy Ration.....	Brookfield: S. A. Smith.....	10.53	%	20.50	%	7.93	%	3.88	%

968	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Bull Brand "24" Dairy Ration.....	10.05	25.69	24.00	8.08	11.00	4.18	4.50
1251	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Bull Brand "24" Dairy Ration.....	10.50	25.13	24.00	8.13	11.00	4.10	4.50
863	Maritime Milling Co., Inc., Buffalo, N. Y. Sweetened Dollar Maker.....	10.83	24.38	24.00	10.30	12.00	3.88	3.50
1025	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Dairy Ration.....	8.03	22.00	20.00	10.05	12.00	5.13	5.50
545	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special..	8.85	22.63	24.00	8.95	12.00	5.50	5.50
671	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's 24% Dairy Ration.....	9.20	25.94	24.00	7.20	10.00	4.53	5.00
520	Fred C. Morse & Son, Guilford, Conn. Old Mill 20%.....	10.88	22.19	20.00	6.43	9.00	4.73	4.50
521	Fred C. Morse & Son, Guilford, Conn. Old Mill 24%.....	10.78	25.13	24.00	6.28	9.00	4.78	5.00
547	Ontario Milling Co., Inc., Oswego, N. Y. Big Value 20%, with Molasses.....	10.83	22.19	20.00	7.00	10.00	4.68	4.50
570	Ontario Milling Co., Inc., Oswego, N. Y. Butterfat, with Molasses.	9.73	25.00	24.00	7.05	10.00	5.08	5.00
569	Ontario Milling Co., Inc., Oswego, N. Y. Oswego 20%, with Molasses.....	10.93	19.63	20.00	6.38	12.00	4.40	4.00
579	Ontario Milling Co., Inc., Oswego, N. Y. Oswego 24%, with Molasses.....	10.68	22.94	24.00	6.48	12.00	5.20	4.00
568	Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's 24% Cream Pot Ration.....	9.98	24.69	24.00	7.53	9.00	5.13	5.50
	Windsor: Lewis Bros.....							
	Windsor: Lewis Bros.....							
	Collinsville: Rourke-Robotham & Co., Inc.....							
	Middlefield: Middlefield Grain & Coal Co.....							
	Meriden: Meriden Grain & Coal Co.....							
	Stratford Z. C. Ingersoll.....							
	Guilford: Fred C. Morse & Son...							
	Guilford: Fred C. Morse & Son...							
	Meriden: Raymond Ives.....							
	Middletown: P. Levson & Son....							
	Middletown: P. Levson & Son....							
	Middletown: P. Levson & Son....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water		Protein (N x 6.25)	Fiber	Fat	
			%	Pound	%	Guaranteed, not less than	Pound	Guaranteed, not less than
	PROPRIETARY MIXED FOODS— <i>Dairy feeds—Continued</i>							
592	The Park & Pollard Co., Inc., Buffalo, N. Y. Bet-R-Milk 20% Ration.....	Cromwell: Walter Fawthrop.....	10.75	22.50	20.00	7.23	4.03	4.00
646	The Park & Pollard Co., Inc., Buffalo, N. Y. Claco Dairy Ration..	West Cheshire: Cheshire Grain & Coal Co.....	11.28	19.63	20.00	7.25	4.08	4.50
588	The Park & Pollard Co., Inc., Buffalo, N. Y. Fawthrop's Special 20% Dairy Ration.....	Cromwell: Walter Fawthrop.....	11.63	20.38	20.00	6.50	3.70	3.50
591	The Park & Pollard Co., Inc., Buffalo, N. Y. Herdthelth 16% Ration.....	Cromwell: Walter Fawthrop.....	11.98	18.00	16.00	5.80	3.78	3.50
972	The Park & Pollard Co., Inc., Buffalo, N. Y. Holcomb Sweetened 16% Ration.....	Newtown: R. H. Holcomb & Co..	10.83	18.56	16.00	7.67	4.05	4.00
601	The Park & Pollard Co., Inc., Buffalo, N. Y. Holcomb Sweetened 20% Dairy Ration.....	Newtown: R. H. Holcomb & Co..	10.38	20.63	20.00	7.43	4.05	4.00

647	The Park & Pollard Co., Inc., Buffalo, N. Y. Milk Maid 24% Sweetened Dairy Ration.....	10.45	24.75	24.00	8.45	11.00	4.08	4.50
667	The Park & Pollard Co., Inc., Buffalo, N. Y. Overall 24% Dairy Ration.....	9.68	25.00	24.00	7.73	9.00	4.40	4.50
666	The Park & Pollard Co., Inc., Buffalo, N. Y. Top Notch 16% Ration.....	9.53	16.13	16.00	11.20	12.00	3.25	3.50
801	Pratt Food Co., Buffalo, N. Y. Pratt's B. P.....	10.03	21.63	21.00	7.53	10.00	4.48	4.00
860	Pratt Food Co., Buffalo, N. Y. Pratt's Sweet 16%.....	9.70	16.88	16.00	9.15	12.00	4.05	4.00
850	H. C. Puffer Co., Springfield, Mass. Producer 20%.....	10.03	23.00	20.00	6.63	10.00	4.63	3.50
849	H. C. Puffer Co., Springfield, Mass. Producer 24%.....	9.63	26.38	24.00	6.88	8.50	4.60	4.00
1041	The Quaker Oats Co., Chicago, Ill. Quaker 16% Protein Dairy Ration.....	8.78	17.06	16.00	11.00	13.50	3.85	3.50
537	The Quaker Oats Co., Chicago, Ill. Quaker 20% Protein Dairy Ration.....	9.18	17.25	20.00	9.55	12.00	3.50	3.25
705	The Quaker Oats Co., Chicago, Ill. Quaker 24% Protein Dairy Ration.....	9.18	24.75	24.00	9.75	12.00	4.08	4.00
713	Ralston Purina Co., St. Louis, Mo. Purina 20% Cow Chow.....	10.20	22.50	20.00	10.30	12.00	3.88	3.00
479	Ralston Purina Co., St. Louis, Mo. Purina 24% Cow Chow.....	10.73	24.88	24.00	9.53	12.00	4.45	3.00
587	Ralston Purina Co., St. Louis, Mo. Protina 16%.....	10.70	20.13	16.00	9.10	14.00	4.18	3.00
585	Ralston Purina Co., St. Louis, Mo. Protina 20%.....	11.38	22.31	20.00	8.58	14.00	4.38	3.00
	West Cheshire: Cheshire Grain & Coal Co.....							
	Plainville: State Farmers' Co-op. Assoc.....							
	Plainville: State Farmers' Co-op. Assoc.....							
	Bristol: Bristol Grain & Supply Co.....							
	Bristol: Bristol Grain & Supply Co.....							
	Simsbury: H. B. Bunnell & Co....							
	Simsbury: H. B. Bunnell & Co....							
	Plainville: W. S. Eaton.....							
	East Wallingford: G. W. Ives....							
	Danbury: C. S. Barnum & Son....							
	Danbury: H. E. Meeker.....							
	New Haven: The Moran & Patton Co.....							
	Portland: Valley Mills.....							
	Portland: Valley Mills.....							



550	St. Albans Grain Co., St. Albans, Vt. Hygrade 24 Sweetened Milk Ration.....	11.00	21.50	24.00	6.55	9.00	4.13	4.00
953	St. Albans Grain Co., St. Albans, Vt. King 22 Milk Ration, Sweetened.....	9.68	21.88	22.00	7.53	9.00	4.33	4.50
685	St. Albans Grain Co., St. Albans, Vt. Paragon.....	9.15	20.75	22.00	9.58	12.00	4.40	4.00
482	St. Albans Grain Co., St. Albans, Vt. Utility Dairy Ration.....	10.55	20.75	20.00	8.43	10.50	3.70	3.50
873	St. Albans Grain Co., St. Albans, Vt. Wirthmore 25 Balanced Ration.....	9.63	23.13	25.00	7.15	9.00	5.08	5.00
686	St. Albans Grain Co., St. Albans, Vt. Wirthmore Balanced 25 Ration, Sweetened.....	10.00	24.88	25.00	6.98	8.50	4.40	4.75
9190	St. Albans Grain Co., St. Albans, Vt. Wirthmore 16 Dairy Ration, Sweetened.....	12.50	15.56	16.00	5.45	8.00	4.23	4.00
871	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20.....	10.28	19.88	20.00	6.15	8.50	5.25	5.00
510	St. Albans Grain Co., St. Albans, Vt. Wirthmore 20, Sweetened...	11.18	19.88	20.00	6.38	8.00	4.75	4.75
476	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Certified 20% Ration.....	10.38	21.00	20.00	7.33	8.00	4.48	4.00
879	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Certified 22% Ration.....	9.45	23.88	22.00	6.90	9.00	4.25	4.00
597	Syracuse Milling Co., Syracuse, N. Y. Onondaga, Sweetened....	10.00	21.88	20.00	9.95	12.00	4.23	4.00
958	Syracuse Milling Co., Syracuse, N. Y. Syragold.....	8.60	25.69	24.00	8.33	12.00	5.25	4.50
664	Syracuse Milling Co., Syracuse, N. Y. Syragold, Sweetened.....	9.90	25.75	24.00	7.73	12.00	4.70	4.50
	Kensington: A. S. Labieniec.....							
	Willimantic: Willimantic Grain Co.....							
	Stepney: Nusbaum Grain Store... New Haven: R. G. Davis & Sons, Inc.....							
	Suffield: Spencer Bros.....							
	Stepney: Nusbaum Grain Store... Naugatuck: Naugatuck Fruit & Produce Co.....							
	Suffield: Spencer Bros..... Ansonia: Ansonia Flour & Grain Co.....							
	New Haven: The Moran & Patton Co.....							
	New Britain: Wm. Cohen, Inc....							
	Ansonia: A. Hodos & Son.....							
	Higganum: Higganum Feed Store							
	Plainville: W. S. Eaton.....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>								
	<i>Dairy Foods—Continued</i>								
963	Syracuse Milling Co., Syracuse, N. Y. Syragold Milk Ration....	Cobalt: Ed. Elkins.....	%	%	%	%	%	%	%
797	Thomaston Supply Co., Thomas- ton, Conn. Thomaston Dairy Ration.....	Thomaston: Thomaston Supply Co.....	9.85	21.75	20.00	8.15	12.00	4.53	4.00
702	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. E-Gee.....		9.88	22.63	20.00	7.83	9.00	4.90	5.00
701	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Red Brand Tioga.....	Hawleyville: W. A. Honan.....	10.90	23.88	20.00	6.23	10.00	3.68	3.50
739	Wayne County Grangers Feed Corp., Clyde, N. Y. Clyde 20%	Hawleyville: W. A. Honan.....	10.20	26.38	24.00	6.63	10.00	4.40	4.50
737	Wayne County Grangers Feed Corp., Clyde, N. Y. "Galen 24%".....	Canaan: Ives & Pierce.....	12.20	20.00	20.00	6.95	8.50	3.50	3.00
		Canaan: Ives & Pierce.....	11.80	24.75	24.00	6.73	8.50	3.40	3.00



656	Wayne County Grangers Feed Corp., Clyde, N. Y. Superior 20%.....	Plantsville: C. A. Cowles.....	10.63	23.88	20.00	8.05	10.00	4.40	4.00
773	Wayne County Grangers Feed Corp., Clyde, N. Y. Sweetened 16%.....	Plantsville: C. A. Cowles.....	11.73	20.50	16.00	7.73	12.00	3.48	4.00
616	F. S. Wertz & Son, Reading, Pa. Special 24%.....	Hartford: N. Y. Feed Corp. ....	10.20	23.50	24.00	6.55	11.00	4.48	4.00
615	F. S. Wertz & Son, Reading, Pa. Wertz's 20%.....	Hartford: N. Y. Feed Corp. ....	9.73	16.69	20.00	11.78	11.00	3.68	4.00
777	West-Nesbit, Inc., Oneonta, N. Y. All Pure 20% Milk Ration.....	Winsted: Chas. R. Hawley.....	10.33	21.88	20.00	6.30	10.00	4.35	4.50
748	West-Nesbit, Inc., Oneonta, N. Y. Pure Feed.....	Winsted: Chas. R. Hawley.....	9.13	23.63	20.00	7.65	10.00	4.33	4.00
9196	Super Pure Sweetfeed Dairy Ration.....	East Hartford: Stowe & Rondeau	8.43	25.13	24.00	8.23	10.00	4.23	4.50
9182	Wolf's Feed Store, Shelton, Conn. Wolf's 20% Dairy Ration.....	Shelton: Wolf's Feed Store.....	10.03	21.88	20.00	7.28	9.00	4.50	4.50
1005	Yantic Grain & Products Co., Norwich, Conn. Abington.....	Abington: Abington Grain Co....	9.93	21.00	20.00	10.40	12.00	3.68	4.00
991	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy Ration 16%.....	Norwich: Yantic Grain & Products Co.....	10.35	18.75	16.00	6.75	9.00	4.50	4.00
826	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy Ration 20%.....	Naugatuck: Naugatuck Grain Co.....	10.18	23.06	20.00	6.68	9.00	5.03	5.00
825	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Dairy Ration 24%.....	Naugatuck: Naugatuck Grain Co.....	10.03	24.25	24.00	6.58	9.00	4.65	5.00
51	Yantic Grain & Products Co., Norwich, Conn. Eureka Dairy Ration 20%.....	Middlefield: Middlefield Center Grain Co.....	10.28	23.00	20.00	7.23	9.00	4.38	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Pound	%	Guaranteed, not less than	Pound	Guaranteed, not more than	Pound	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>									
	<i>Dairy Foods—Concluded</i>									
990	Yantic Grain & Products Co., Nor- wich, Conn. Eureka Dairy Ra- tion 24 %	Yantic: Yantic Grain & Products Co.	10.30	24.13	24.00	7.60	9.00	4.33	4.00	%
822	Yantic Grain & Products Co., Nor- wich, Conn. O. F. D. Ration 20 %	Naugatuck: Naugatuck Grain Co.	10.75	22.00	20.00	7.28	9.00	4.33	4.00	%
859	Yantic Grain & Products Co., Norwich, Conn. O. F. D. Ra- tion 24 %	Middlefield: Middlefield Center Grain Co.	10.88	24.38	24.00	7.40	9.00	4.00	4.00	%
	<i>Stock feeds</i>									
143	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand	Lebanon: Berkman Grain Co.	8.03	11.25	9.50	8.60	9.50	4.68	4.00	%
145	E. W. Bailey & Co., Montpelier, Vt. Sweetened Bailey's Fitting Ration	Lebanon: Berkman Grain Co.	9.68	15.13	14.00	7.85	9.00	4.85	4.00	%

996	E. W. Bailey & Co., Montpelier, Vt. Sweetened with Molasses Pennant Brand.....	Jewett City: Jewett City Grain Co.....	9.83	10.88	9.50	8.33	9.50	5.03	4.00
775	Beacon Milling Co., Inc., Cayuga, N. Y. Cayuga.....	Bridgeport: Herbert C. Ferris...	10.10	12.88	15.00	7.98	9.00	3.78	3.50
979	C. W. Campbell Co., Westerly, R. I. Campbell Fitting Ration..	Groton: C. W. Campbell Co.....	9.80	15.38	14.00	6.60	8.00	4.88	4.00
881	Crosby Milling Co., Brattleboro, Vt. Crosby's.....	So. Norwalk: Roodner Feed Co...	8.58	9.00	9.00	13.25	12.00	4.18	4.00
52	P. Cutler, Inc., Colchester, Conn. Prosperity.....	Colchester: P. Cutler, Inc.....	8.75	12.50	9.00	7.73	12.00	5.33	4.00
509	R. G. Davis & Sons, Inc., New Haven, Conn. Davis.....	Ansonia: Ansonia Flour & Grain Co.....	7.85	10.50	10.00	11.80	14.00	6.25	2.00
607	Delaware Mills, Inc., Deposit, N. Y. Delaware White.....	Derby: Derby Feed Store.....	9.58	11.63	9.00	10.33	12.00	4.60	3.00
180	Detrich & Gambrell, Inc., Frederick, Md. Frederick.....	Danielson: Young Bros. Co.....	9.40	9.00	7.50	10.10	12.00	3.45	3.00
959	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Fitting Ration.....	Clinton: A. L. Lockwood.....	10.90	13.63	12.00	5.15	7.00	4.28	3.50
821	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Sugared Feed All.	Naugatuck: Naugatuck Grain Co.	8.73	12.25	10.00	17.28	12.00	2.75	3.00
829	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Certified Fitting Ration.....	Simsbury: H. B. Bunnell & Co...	10.50	15.25	12.00	6.00	7.00	3.90	3.50
687	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose.	Georgetown: Connery Bros.....	8.95	10.50	9.00	10.30	11.00	4.73	3.00
798	John W. Eshelman & Sons, Lancaster, Pa. Eshelman S-O-S....	Thomaston: Thomaston Supply Co.....	10.78	13.75	11.00	14.93	15.00	2.45	2.00
945	D. H. Grandin Milling Co., Jamestown, N. Y. Grandin's.....	Manchester: O. E. Bailey.....	8.40	10.81	8.50	10.40	12.00	5.78	4.00
655	Hales & Hunter Co., Chicago, Ill. H. & H. Quality Steel Cut Wheat.....	Plantsville: C. A. Cowles.....	10.93	12.13	12.00	2.30	3.00	1.98	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	
663	<i>Stock feeds—Continued</i>								
9171	Hales & Hunter Co., Chicago, Ill. H. & H. White..... Libner Grain Co., Inc., Norwalk, Conn. 12% Libner's Blue Rib- bon Fitting Ration..... Meech & Stoddard, Inc., Middle- town, Conn. Red Wing..... Geo. Q. Moon & Co., Inc., Bing- hamton, N. Y. Moon's..... Fred C. Morse & Son, Guilford, Old Mill Fitting Feed..... Nowak Milling Corp., Hammond, Ind. Fidelity..... Ontario Milling Co., Inc., Oswego, N. Y. Uncle John's, with Mo- lasses.....	Mt. Carmel: Mt. Carmel Grain Store.....  Norwalk: Libner Grain Co., Inc.. Middletown: Meech & Stoddard, Inc..... Stratford: Z. C. Ingersoll..... Guilford: Fred C. Morse & Son... Sharon: F. A. Wike & Co.....  Middletown: P. Levson & Son....	9.38	12.81	9.00	6.68	12.00	4.95	2.00
566			11.48	15.13	12.00	6.15	9.00	4.18	4.00
774			9.28	9.25	9.00	11.88	12.00	4.68	3.00
9268			9.25	12.25	9.00	8.95	12.00	5.35	3.00
890			11.58	15.63	12.00	6.48	8.00	4.90	4.00
961			8.88	9.00	8.00	10.13	12.00	4.08	3.00
			9.55	13.38	10.00	9.23	12.00	4.00	3.00

1052	The Park & Pollard Co., Inc., Buffalo, N. Y. Bison, Sweetened...	Groton: C. W. Campbell Co.....	9.95	10.69	10.00	11.65	12.00	2.80	3.00
746	The Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard Fitting Ration.....	East Winsted: Leonard Grain Co.	11.38	17.63	12.00	5.83	7.00	3.43	3.50
794	The Park & Pollard Co., Inc., Buffalo, N. Y. Park & Pollard.....	Woodbury: C. L. Adams.....	9.60	10.06	8.50	11.88	12.00	5.58	4.00
605	Pecos Valley Alfalfa Milling Co., Hagerman, New Mexico, Velvet Meal.....	New Haven: R. G. Davis & Sons, Inc.....	10.13	20.19	17.00	17.30	23.00	1.70	1.50
669	The Quaker Oats Co., Chicago, Ill. Quaker Schumacher Feed.....	Stratford: Farmers Flour & Grain Co.....	8.00	10.25	10.00	10.90	12.00	4.23	3.00
519	The Quaker Oats Co., Chicago, Ill. Quaker Schumacher Sugared Feed.....	Branford: S. V. Osborn Est.....	8.88	10.88	10.00	11.35	12.00	4.68	3.00
856	Ralston Purina Co., St. Louis, Mo. Purina Fitting Chow.....	Stamford: Clapboard Hill Feed Co.....	12.38	15.38	13.50	10.08	12.00	3.70	2.60
9275	Seymour Grain & Coal Co., Seymour, Conn. Miracle Fitting Ration.....	Seymour: Seymour Grain & Coal Co.....	10.03	15.63	12.00	7.18	8.00	4.90	4.00
9222	I. Sovitsky, Ansonia, Conn. Ansonia.....	Ansonia: I. Sovitsky.....	8.38	12.44	8.00	7.70	15.00	5.83	2.00
483	St. Albans Grain Co., St. Albans, Vt. Hygrade Fitting Ration or Stock Feed.....	New Haven: R. G. Davis & Sons, Inc.....	10.68	11.88	10.00	10.10	12.00	3.60	3.25
731	St. Albans Grain Co., St. Albans, Vt. Hygrade 14 Fitting Ration.....	Kent: H. H. Taylor & Son.....	10.08	18.00	14.00	6.98	8.50	4.70	4.00
35	St. Albans Grain Co., St. Albans, Vt. Utility 60 Pasture Ration.....	Suffield: Spencer Bros.....	10.08	14.06	14.00	10.63	13.00	3.38	3.00
9114	St. Albans Grain Co., St. Albans, Vt. Wirthmore 14 Fitting Ration.....	Milford: Milford Grain Co.....	13.23	15.75	14.00	5.08	7.00	3.90	4.00
9117	St. Albans Grain Co., St. Albans, Vt. Wirthmore Fodder Grains..	Milford: Milford Grain Co.....	11.03	11.56	9.00	15.85	19.00	2.28	1.25

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Protein (N x 6.25)		Fiber		Fat		
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>								
	<i>Stock feeds—Concluded</i>								
684	St. Albans Grain Co., St. Albans, Vt. Wirthmore.....	Stepney: Nusbaum Grain Store...	9.18	9.75	9.00	7.90	9.50	5.60	4.00
58	Syracuse Milling Co., Syracuse, N. Y. Syragold Feed Meal....	Colchester: P. Cutler, Inc.....	11.80	10.69	9.00	3.38	8.00	5.80	3.00
676	Syracuse Milling Co., Syracuse, N. Y. Syragold.....	East Norwalk: Ferris-Devine Co.	10.15	11.50	9.00	8.88	12.00	4.80	3.00
217	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Or-Co.....	New Milford: Geo. T. Soule Co...	10.40	21.50	18.00	10.65	12.00	4.33	3.00
862	Yantic Grain & Products Co., Nor- wich, Conn. Economy Pasture Ration.....	Naugatuck: Naugatuck Grain Co.....	9.38	16.00	14.00	12.08	13.00	3.50	3.50
823	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Fitting Ra- tion.....	Naugatuck: Naugatuck Grain Co.....	9.68	17.38	12.00	5.23	7.00	4.00	4.00
824	Yantic Grain & Products Co., Nor- wich, Conn. Big Y.....	Naugatuck: Naugatuck Grain Co.....	9.70	10.38	9.00	9.73	12.00	4.63	4.00
867	Yantic Grain & Products Co., Nor- wich, Conn. Big Y Sugared.....	Middlefield: Middlefield Center Grain Co. ....	10.93	9.19	9.00	10.00	12.00	3.23	4.00

Calf feeds and other products									
9096	Allied Mills, Inc., Chicago, Ill. Emergency Hog Feed.....	Bristol: A. J. Bower.....	12.18	14.63	14.00	4.83	7.00	4.50	3.00
730	Allied Mills, Inc., Chicago, Ill. Wayne Calf Meal.....	Kent: M. L. Lynch..... New Milford: W. L. Richmond & Son.....	9.03	24.63	24.00	5.53	7.00	4.45	4.00
728	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Calf Meal.....	Bridgeport: H. C. Ferris.....	8.90	26.38	25.00	3.00	6.00	3.80	3.00
9133	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Hog Feed.....	Noroton Heights: Davis Grain Co.	9.95	19.25	18.00	5.88	7.00	5.00	5.00
866	Blatchford Calf Meal Co., Wauke- gan, Ill. Blatchford's Calf Meal.	Hazardville: Amos D. Bridge's Sons.....	9.70	25.00	24.00	5.05	6.75	4.78	5.00
901	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore "Three Point" Calf Meal.....	Simsbury: H. B. Bunnell & Co....	8.75	26.00	24.00	4.08	4.00	3.93	4.00
830	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Red Rose Calf Starter.....	Bethel: Morrison & Dunham.... Mt. Carmel: Mt. Carmel Grain Store.....	10.15	25.13	18.00	3.50	5.00	4.55	3.00
718	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Red Rose Hog Meal.....	Branford: S. V. Osborn Est.....	9.73	20.13	16.00	6.93	10.00	5.83	5.00
617	Hales & Hunter Co., Chicago, Ill. Red Horn Calf Meal.....	Branford: S. V. Osborn Est.....	9.23	18.00	18.00	5.18	5.00	3.70	4.00
516	Larrowe Milling Co., Detroit, Mich. Larro Calf Meal.....	Glastonbury: S. Melzen.....	8.98	24.88	23.00	2.83	3.50	4.15	4.00
9228	Larrowe Milling Co., Detroit, Mich. Larro Pork Maker.....	Branford: S. V. Osborn Est.....	7.53	25.75	25.00	8.75	10.00	6.38	5.00
965	Maritime Milling Co., Inc., Buf- falo, N. Y. Bull Brand Calf Meal.....	Danbury: C. S. Barnum & Son...	9.50	24.50	22.00	2.83	5.00	4.55	4.00
199	Park & Pollard Co., Inc., Buffalo, N. Y. Milkade Calf Meal.....	Bristol: Bristol Grain & Supply Co.....	8.00	24.19	20.00	5.53	6.50	7.80	7.00
816	Pratt Food Co., Buffalo, N. Y. Pratt's Calf Meal with Butter- milk.....		9.08	26.25	24.50	3.03	4.00	4.50	4.00





	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Hog & Pig Ration.....	Middlefield: Middlefield Center Grain Co.....	10.55	17.25	17.00	4.85	7.00	4.63	4.00
<i>Poultry feeds</i>									
50	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Hog & Pig Ration.....	Middlefield: Middlefield Center Grain Co.....	10.55	17.25	17.00	4.85	7.00	4.63	4.00
9093	Allied Mills, Inc., Chicago, Ill. Red Feather Egg Mash.....	Bristol: A. J. Bower.....	10.03	20.25	18.00	5.60	8.00	4.95	3.50
1006	Allied Mills, Inc., Chicago, Ill. Red Feather Scratch Feed.....	Suffield: R. J. C. Wetherell.....	11.53	10.38	9.00	1.73	4.00	2.55	2.50
197	Allied Mills, Inc., Chicago, Ill. Screened Cracked Corn.....	Danbury: C. S. Barnum & Son...	11.75	9.38	8.50	1.10	2.50	3.00	2.50
9097	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Chick Starter..	Bristol: A. J. Bower.....	10.50	16.63	17.00	4.93	6.00	5.95	4.00
732	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower.....	Falls Village, H. E. Dean.....	9.98	16.38	16.00	4.73	6.00	5.73	4.00
219	Allied Mills, Inc., Chicago, Ill. Wayne All Mash Grower with Cod Liver Oil.....	Kent: M. L. Lynch.....	10.08	17.13	16.00	4.65	6.00	5.55	4.00
155	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash.....	Norwich: A. E. Shedd.....	9.50	18.31	18.00	4.45	7.00	4.95	3.50
9095	Allied Mills, Inc., Chicago, Ill. Wayne Egg Mash with Cod Liver Oil.....	Bristol: A. J. Bower.....	10.60	18.13	18.00	5.13	7.00	5.08	3.50
195	Allied Mills, Inc., Chicago, Ill. Wayne Intermediate Scratch Feed.....	Danbury: C. S. Barnum & Son...	11.40	11.13	10.00	2.05	4.00	2.70	2.50
1043	Allied Mills, Inc., Chicago, Ill. Wayne Poultry Fattener.....	Bristol: A. J. Bower.....	10.35	15.25	13.50	5.78	6.00	4.58	4.00
9094	Allied Mills, Inc., Chicago, Ill. Wayne Scratch Feed.....	Bristol: A. J. Bower.....	12.60	10.25	10.00	2.18	4.00	2.45	2.50
709	Allied Mills, Inc., Chicago, Ill. Wayne Special Scratch Feed...	Danbury: C. S. Barnum & Son...	11.95	12.13	9.00	1.98	4.00	2.60	2.50
1007	Allied Mills, Inc., Chicago, Ill. Wayne Turkey Mash.....	Suffield: R. J. C. Wetherell.....	9.60	15.50	15.00	6.30	8.00	4.90	3.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>									
	<i>Poultry feeds—Continued</i>									
9194	Anchor Mills, Hagerstown, Md. Zip Egg Mash.....	Hartford: H. L. Solloway.....	%	%	%	%	%	%	%	%
71	Arcady Farms Milling Co., Chi- cago, Ill. Arcady Besbet Grow- ing Mash.....	Meriden: Raymond Ives.....	9.30	20.00	18.00	4.15	6.00	5.20	4.00	
70	Arcady Farms Milling Co., Chi- cago, Ill. Arcady Besbet Laying Mash.....	Meriden: Raymond Ives.....	10.05	15.81	16.00	6.50	7.50	4.53	4.00	
170	Arcady Farms Milling Co., Chi- cago, Ill. Arcady Developing Grains.....	Meriden: Raymond Ives.....	9.20	20.44	20.00	5.40	7.00	4.75	4.00	
73	Arcady Farms Milling Co., Chi- cago, Ill. Arcady Scratch Grains.	New Britain: S. P. Stropole.....	12.48	9.75	10.00	2.33	5.00	2.93	2.50	
78	Arcady Farms Milling Co., Chi- cago, Ill. Wonder Complete Broiler Ration.....	Meriden: Raymond Ives..... New Britain: S. P. Stropole.....	11.78	10.13	10.00	2.08	5.00	2.50	4.00	
			9.53	17.88	17.00	5.13	5.00	5.05		

77	Arcady Farms Milling Co., Chicago, Ill. Wonder Starting Mash	New Britain: S. P. Stropole.....	9.35	14.88	13.00	5.18	5.00	4.38	4.00
112	E. W. Bailey & Co., Montpelier, Pennant Brand Chick Starter....	Mansfield Depot: Martin M. Hansen.....	9.48	17.50	17.00	3.70	5.00	4.70	5.00
109	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Growing Feed.....	Mansfield Depot: Martin M. Hansen.....	9.60	17.25	15.00	4.00	5.00	4.65	5.00
110	E. W. Bailey & Co., Montpelier, Vt. Pennant Brand Laying Mash.....	Mansfield Depot: Martin M. Hansen.....	9.45	21.19	20.00	4.45	6.00	4.65	5.00
106	E. W. Bailey & Co., Montpelier, Vt. Pennant Scratch Feed.....	West Willington: H. M. Hansen..	11.05	10.31	10.00	2.43	6.50	2.48	3.00
496	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Breeders Mash with Buttermilk.....	Shelton: Shelton Feed Co.....	9.48	20.25	19.00	6.70	7.00	4.50	4.00
9139	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Broiler Feed.....	Bridgeport: H. C. Ferris.....	10.70	18.06	15.00	4.20	6.00	4.20	4.00
9178	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Developer Feed.....	Shelton: Shelton Feed Co.....	12.13	10.56	10.00	2.20	5.00	3.18	2.50
9136	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Growing Mash.....	Bridgeport: H. C. Ferris.....	10.63	17.88	16.00	5.18	7.00	4.65	4.00
9137	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Laying Mash with Buttermilk.....	Bridgeport: H. C. Ferris.....	9.53	21.81	20.00	5.50	7.00	4.93	4.00
9179	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon's Cayuga Scratch Feed.....	Shelton: Shelton Feed Co.....	13.23	10.13	9.00	2.60	5.00	2.35	2.50
9134	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Chick Feed.....	Bridgeport: H. C. Ferris.....	13.15	10.69	10.00	1.28	3.50	3.80	2.50
9135	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Complete Starting Ration.....	Bridgeport: H. C. Ferris.....	10.13	18.63	16.50	3.58	6.00	4.10	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>		%	%	%	%	%	%	%
	<i>Poultry feeds—Continued</i>								
9198	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Duck Breeders Mash.....	Bridgeport: H. C. Ferris.....	9.96	18.88	17.00	4.25	7.00	4.58	4.50
9132	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Egg Mash with Buttermilk.....	Bridgeport: H. C. Ferris.....	9.20	22.06	21.00	5.23	7.00	4.55	4.50
9276	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Growing Mash....	Southbury: H. R. Stone.....	9.75	19.00	17.00	5.40	7.00	5.93	4.00
198	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Scratch Grains...	Danbury: C. S. Barnum & Son...	11.33	10.19	9.00	2.28	5.00	2.68	2.00
218	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Special Coccidi- diosis Mash.....	New Milford: W. L. Richmond & Son.....	8.93	20.50	17.00	2.73	5.00	2.75	1.00
200	Beacon Milling Co., Inc., Cayuga, N. Y. Beacon Special Scratch Grains.....	Danbury: S. C. Barnum & Son...	11.95	10.63	9.00	1.73	3.50	2.28	2.00

235	Beacon Milling Co. Inc., Cayuga, N. Y. Beacon Turkey Growing Feed.....	New Milford: W. L. Richmond & Son.....	8.80	19.75	17.00	5.00	7.00	4.55	4.00
9079	Black Rock Milling Corp., Buf- falo, N. Y. Bidwell's Dry Mash.	Plainville: F. B. Newton.....	10.50	21.13	18.00	4.73	8.00	4.31	3.00
527	Black Rock Milling Corp., Buf- falo, N. Y., Bidwell's Scratch Feed.....	East River: Deforest & Hotch- kiss Co.....	12.10	10.06	10.00	2.43	5.00	3.43	1.50
9109	Bristol Grain & Supply Co., Bris- tol, Conn. Bristol Laying Mash	Bristol: Bristol Grain & Supply Co.....	10.05	24.50	18.00	5.55	10.00	4.43	4.00
1081	C. Buckingham & Co., Southport, Conn. C. B. Egg Mash.....	Southport: C. Buckingham & Co.	10.13	21.00	19.00	5.40	8.00	4.65	4.00
1080	C. Buckingham & Co., Southport, Conn. C. B. Growing Mash.....	Southport: C. Buckingham & Co.	10.63	16.56	15.00	4.25	6.00	4.80	4.00
1030	C. Buckingham & Co., Southport, Conn. C. B. Scratch Feed.....	Southport: C. Buckingham & Co.	12.05	10.25	10.00	2.20	3.80	2.55	2.50
140	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Feed.....	Westerly: C. W. Campbell Co....	10.50	11.38	10.00	1.03	5.00	2.80	2.00
135	C. W. Campbell Co., Westerly, R. I. Egg-O-Chick Starter.....	Groton: C. W. Campbell Co.....	9.38	17.63	15.00	4.65	5.00	6.03	4.00
132	C. W. Campbell Co., Westerly, R. I. Egg-O Growing.....	Groton: C. W. Campbell Co.....	9.30	21.50	18.00	4.95	8.00	4.80	5.00
133	C. W. Campbell Co., Westerly, R. I. Egg-O Intermediate.....	Groton: C. W. Campbell Co.....	10.15	12.13	10.00	1.65	4.00	3.53	2.00
134	C. W. Campbell Co., Westerly, R. I. Egg-O Mash.....	Groton: C. W. Campbell Co.....	8.78	20.00	18.00	7.20	8.00	4.60	4.00
136	C. W. Campbell Co., Westerly, R. I. Egg-O Scratch.....	Westerly: C. W. Campbell Co....	11.45	11.25	10.00	2.50	5.00	2.45	2.00
1053	C. W. Campbell Co., Westerly, R. I. Egg-O Turkey Grower....	Westerly: C. W. Campbell Co....	9.08	23.00	20.00	6.18	8.00	5.83	5.00
1270	Clyde-Renco Milling Co., Clyde, N. Y. Renco Scratch Feed.....	Canaan: Ives & Pierce.....	12.45	10.50	10.00	2.75	6.00	2.38	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Pound	Guaranteed, not less than	Pound	Guaranteed, not more than	Pound	Guaranteed, not less than	
<b>PROPRIETARY MIXED FEEDS—</b> <i>Continued</i>										
<i>Poultry feeds—Continued</i>										
60	The Coles Co., Middletown, Conn.	Middletown: The Coles Co. ....	9.28	19.25	14.00	4.98	5.00	5.43	5.00	%
9192	Fortune Chick Starter. ....	Hartford: New York Feed & Grain Co. ....	9.80	21.25	17.00	4.90	9.00	5.43	3.50	
61	Fortune Egg Mash with Dried Buttermilk. ....	Middletown: The Coles Co. ....	9.83	18.88	10.00	5.05	8.00	6.35	1.50	
59	The Coles Co., Middletown, Conn.	Middletown: The Coles Co. ....	12.23	11.13	10.00	2.18	3.00	2.33	5.00	
9193	Fortune Growing Feed. ....	Hartford: New York Feed & Grain Co. ....	13.30	10.75	10.00	2.40	5.00	2.68	2.50	
9226	Fortune Intermediate Scratch. .	Ansonia: A. Hodos & Son. ....	9.65	16.13	16.00	4.10	6.50	5.70	5.50	
9225	The Coles Co., Middletown, Conn.	Ansonia: A. Hodos & Son. ....	11.85	10.88	10.00	1.20	2.50	2.25	2.50	
	Fortune Scratch Feed. ....									
	G. E. Conkey Co., Cleveland, Ohio, Conkey's All Mash Chick Ration with Y-O etc. ....									
	G. E. Conkey Co., Cleveland, Ohio, Conkey's Gecco Chick Grains. ....									

9223	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Eggs Mash with Y-O etc. ....	Ansonia: A. Hodos & Son. ....	9.40	20.38	20.00	3.93	7.00	5.78	5.00
504	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Egg Mash with Y-O etc. ....	Ansonia: A. Hodos & Son. ....	9.70	21.50	20.00	4.33	7.00	6.23	5.00
505	G. E. Conkey & Co., Cleveland, Ohio. Conkey's Gecco Growing Mash. ....	Ansonia: A. Hodos & Son. ....	9.83	18.75	18.00	4.73	7.00	5.00	5.50
489	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Growing Mash with Buttermilk and Y-O. ....	New Haven: Frank S. Platt Co. ....	11.38	19.25	18.00	4.60	7.00	4.98	6.00
1051	G. E. Conkey Co., Cleveland, Ohio. Conkey's Gecco Scratch Grains. ....	Ansonia: A. Hodos & Son. ....	10.95	9.75	9.00	2.25	3.50	2.55	2.00
1050	G. E. Conkey Co., Cleveland, Ohio. Conkey's Geccofat Station Fattener. ....	Ansonia: A. Hodos & Son. ....	8.98	15.06	12.50	4.85	5.00	7.30	4.50
9224	G. E. Conkey Co., Cleveland, Ohio. Conkey's Growing Grains. ....	Ansonia: A. Hodos & Son. ....	10.65	12.50	10.50	1.58	2.50	3.95	2.50
1049	G. E. Conkey Co., Cleveland, Ohio. Conkey Red Seal Laying Mash with Y-O etc. ....	Ansonia: A. Hodos & Son. ....	9.78	18.69	18.00	4.90	6.00	6.93	4.00
488	G. E. Conkey Co., Cleveland, Ohio. Conkey's (The Original) Starting Feed with Buttermilk & Y-O. ....	New Haven: Frank S. Platt Co. ....	10.68	15.88	16.00	3.43	5.50	6.10	5.50
1302	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Egg Mash. ....	Bethel: Consumers Food Stores, Inc. ....	8.70	21.50	20.00	6.40	7.00	4.70	4.00
1303	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Growing Mash. ....	Bethel: Consumers Food Stores, Inc. ....	8.65	19.63	17.00	6.13	6.00	4.67	4.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water		Protein (N x 6.25)		Fiber	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>							
	<i>Poultry feeds—Continued</i>							
1301	Consumers Food Stores, Inc., Bridgeport, Conn. Gold Bond Intermediate Chick Feed.....	Bethel: Consumers Food Stores, Inc.....	%	%	%	%	%	%
1078	E. A. Cowee & Co., Worcester, Mass. Coweco Growing Mash...	Quinnebaug: M. T. Dort.....	11.58	10.13	9.00	2.35	2.14	2.50
1077	E. A. Cowee & Co., Worcester, Mass. Coweco Laying Mash....	Quinnebaug: M. T. Dort.....	9.20	18.25	14.00	3.90	6.90	4.50
1079	E. A. Cowee & Co., Worcester, Mass. Coweco Scratch Feed....	Quinnebaug: M. T. Dort.....	8.35	22.00	20.00	4.25	5.55	4.00
772	C. A. Cowles, Plantsville, Conn. C. A. Blue Seal Mash.....	Quinnebaug: M. T. Dort.....	11.78	11.56	10.00	2.45	2.58	3.00
820	C. A. Cowles, Plantsville, Conn. Scratch Feed.....	Plantsville: C. A. Cowles.....	9.58	18.75	18.00	6.63	4.83	4.00
171	Crosby Milling Co., Brattleboro, Vt. Crosby's Scratch Feed.....	Plantsville: C. A. Cowles.....	11.78	12.88	10.00	1.95	3.00	1.50
53	P. Cutler, Inc., Colchester, Conn. Prosperity Laying Mash.....	Stafford Springs: Valley Grain Co..... Colchester: P. Cutler, Inc.....	12.45	11.13	11.00	2.40	3.00	3.00
			10.15	16.69	16.00	5.83	5.23	4.00



54	P. Cutler, Inc., Colchester, Conn. Prosperity Scratch Feed.....	12.38	10.06	10.00	2.83	6.00	2.60	2.00
9059	R. G. Davis & Sons, Inc., New Haven, Conn. Davis Butter- milk Mash.....	9.75	20.25	18.00	4.73	7.00	5.45	5.00
9115	R. G. Davis & Sons, Inc., New Haven, Conn. Davis Scratch Feed.....	13.43	10.31	10.00	1.93	5.00	2.88	2.00
9140	Delaware Mills, Inc., Deposit, N. Y. Brooklawn Special Scratch Feed.....	13.98	9.94	9.00	2.15	4.00	2.45	2.50
9213	Delaware Mills, Inc., Deposit, N. Y. Delaware Chick Grains...	13.13	10.81	10.00	1.45	3.00	2.28	3.00
9063	Delaware Mills, Inc., Deposit, N. Y. Delaware Chick Starting Mash (with Dried Buttermilk)...	10.68	17.38	16.00	4.40	5.00	5.39	4.00
9064	Delaware Mills, Inc., Deposit, N. Y. Delaware Growing Mash (with Dried Skim Milk).....	12.20	16.94	17.00	4.40	6.00	4.60	5.00
9167	Delaware Mills, Inc., Deposit, N. Y. Delaware Intermediate Chick Grains.....	12.85	11.25	10.00	2.73	5.00	2.75	2.00
9065	Delaware Mills, Inc., Deposit, N. Y. Double Circle Scratch Grains.....	14.10	10.06	10.00	2.30	5.00	2.48	2.50
494	Delaware Mills, Inc., Deposit, N. Y. Indian Laying Mash (with Dried Skim Milk).....	10.35	18.38	18.00	5.85	7.00	5.20	5.00
178	Dietrich & Gambrell, Inc., Fred- erick, Md. Frederick Growing Mash.....	9.85	18.75	16.00	6.18	8.00	5.30	4.00
130	Dietrich & Gambrell, Inc., Fred- erick, Md. Gambrell's Chick Starter.....	9.15	19.06	16.00	3.33	4.50	5.30	4.00
	Colchester: P. Cutler, Inc.....							
	Cheshire: Center Grain Co.....							
	Milford: Milford Grain Co.....							
	Bridgeport: Brooklawn Feed Co., Thompsonville: Geo. S. Phelps & Co.....							
	Southington: Southington Lum- ber & Feed Co.....							
	Southington: Southington Lum- ber & Feed Co.....							
	Bridgeport: Brooklawn Feed Co..							
	Southington: Southington Lum- ber & Feed Co.....							
	Derby: Derby Feed Store.....							
	Danielson: Young Bros. Co.....							
	New London: New London Grain Co.....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>								
	<i>Poultry feeds—Continued</i>								
179	Dietrich & Gambrell, Inc., Frederick, Md. Gambrell's Laying Mash.....	Danielson: Young Bros. Co.....	%	%	%	%	%	%	%
999	Dietrich & Gambrell, Inc., Frederick, Md. Gambrell's Scratch Feed.....	Danielson: Young Bros. Co.....	9.38	21.25	20.00	5.33	7.00	5.00	5.00
148	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer Mash....	Norwich: A. E. Shedd.....	11.03	11.25	10.00	2.20	4.00	3.05	2.50
154	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Developer Mash with Cod Liver Oil.....	Norwich: A. E. Shedd.....	9.58	20.50	18.50	5.10	6.50	4.43	4.00
233	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Egg Mash.....	Norwich: A. E. Shedd.....	8.70	19.81	18.50	5.60	6.50	5.28	4.00
			9.25	18.25	17.00	5.15	6.50	4.75	4.00

379	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Intermediate Scratch Grains. ....	New Milford: Paul Caldwell. ....	13.68	10.56	9.50	1.53	3.00	2.13	2.00
232	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Producer, Mash. ....	Norwich: A. E. Shedd. ....	9.35	18.25	17.00	4.65	6.50	4.45	4.00
149	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Producer Mash with Cod Liver Oil. ....	Norwich: A. E. Shedd. ....	9.20	18.25	17.00	4.63	6.50	5.20	4.00
532	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Scratch Grains with Coarse Cracked Corn. ....	Clinton: A. L. Lockwood. ....	11.70	12.13	10.00	2.63	4.00	3.05	2.50
213	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Starting and Broiler Ration with Cod Liver Oil. ....	New Milford: Paul Caldwell. ....	9.50	19.94	18.50	4.08	5.00	5.53	4.00
987	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Fat. ....	Norwich: A. E. Shedd. ....	9.40	16.88	16.00	4.45	6.00	4.43	3.50
783	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Grow. ....	Norfolk: W. A. Spaulding. ....	9.60	21.88	20.00	3.93	5.00	6.00	4.00
782	Eastern States Farmers' Exchange, Springfield, Mass. Eastern States Turkey Start. ....	Norfolk: W. A. Spaulding. ....	9.00	26.25	24.00	3.80	5.00	6.60	4.50
894	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Egg Maker. ....	Hazardville: Amos D. Bridge's Sons. ....	9.73	18.44	17.00	5.33	8.00	6.53	4.50
9216	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Egg Mash. ....	Hazardville: Amos D. Bridge's Sons. ....	10.53	20.19	18.00	4.85	8.00	6.05	4.00
899	Elmore Milling Co., Inc., Oneonta, N. Y. Elmore Growing Mash. ....	Hazardville: Amos D. Bridge's Sons. ....	9.70	18.75	17.00	5.85	8.00	5.88	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>		%	%	%	%	%	%	%	%
993	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Intermediate Chick Feed.....	Amston: Amston Grain Mill..... Hazardville: Amos D. Bridge's Sons.....	11.25	11.69	10.00	1.53	3.00	2.95	3.00	3.00
895	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Milk Grains.....	Hazardville: Amos D. Bridge's Sons.....	9.35	26.44	25.00	8.95	11.00	5.03	5.00	5.00
9217	Elmore Milling Co. Inc., Oneonta, N. Y. Elmore Scratch Feed....	Hazardville: Amos D. Bridge's Sons.....	13.48	11.75	10.00	2.60	7.00	2.38	3.50	3.50
122	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Penny Chick Grains.....	Manchester: Manchester Grain Co.....	11.15	12.00	9.00	1.23	3.00	2.53	3.00	3.00
715	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Lancaster Scratch Grains.....	Bethel: Morrison & Dunham....	11.45	9.50	10.00	2.40	4.00	3.58	2.50	2.50
602	John W. Eshelman & Sons, Lan- caster, Pa. Eshelman Penny Laying Mash.....	New Haven: The Moran & Pat- ton Co.....	10.63	20.38	18.00	6.13	8.00	5.95	5.00	5.00

717	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Penny Scratch Grains.....	Bethel: Morrison & Dunham.....	11.70	10.63	9.00	1.85	4.00	2.75	2.50
865	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose All Mash Starter.....	Simsbury: H. B. Bunnell & Co.....	8.90	18.75	16.00	4.43	6.50	4.68	4.00
9335	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Chick Grains.....	Thomaston: Thomaston Supply Co.....	11.05	11.00	10.00	1.38	3.00	2.95	3.00
65	John W. Eshelman & Sons, Lancaster, Pa. Eshelman's Red Rose Chick Starter.....	Wallingford: A. E. Hall.....	8.30	18.13	15.00	3.83	6.00	4.90	4.00
831	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Fattening Mash.....	Simsbury: H. B. Bunnell & Co.....	10.40	16.25	14.00	3.53	5.00	5.03	4.00
848	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash.....	Bethel: Morrison & Dunham.....	10.08	19.13	16.00	5.53	7.00	5.55	4.00
85	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Growing Mash with Cod Liver Oil.....	New Britain: Wm. Cohen.....	9.65	18.75	16.00	5.32	7.00	5.60	4.00
209	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Laying Mash.....	Danbury: F. C. Benjamin.....	10.28	22.06	20.00	5.40	7.00	6.20	5.00
477	John W. Eshelman & Sons, Lancaster, Pa. Eshelman Red Rose Scratch Grains.....	New Haven: The Moran & Pat-ton Co.....	13.23	10.00	10.00	2.30	4.00	2.40	2.50
992	Fernando Valley Mill & Supply Co., Los Angeles, Calif. Fernando Alfalfa Meal Fine Ground...	Rockville: Rockville Grain & Coal Co.....	7.18	16.56	16.00	25.75	26.00	1.95	2.00
1042	Fernando Valley Mill & Supply Co., Los Angeles, Calif. Ideal Greens Sun Cured.....	Plainville: W. S. Eaton.....	8.30	20.25	20.00	17.95	18.00	2.73	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred								
			Protein (N x 6.25)		Fiber		Fat				
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than			
			Water								
	PROPRIETARY MIXED FEEDS— <i>Continued</i>										
	<i>Poultry feeds—Continued</i>										
966	First National Stores, Inc., Somerville, Mass. Henfield Egg Mash	Burnside: First National Stores, Inc.	8.98	24.25	20.00	6.00	7.00	5.18	5.00		
827	First National Stores, Inc., Somerville, Mass. Henfield Scratch Grains	Plainville: First National Stores, Inc.	12.55	10.81	10.00	2.05	5.00	2.85	3.50		
9119	Flory Milling Co. Inc., Bangor, Pa. Flory's All Mash Starting & Growing Ration	Stratford: Farmers Flour & Grain Co.	10.28	17.25	17.50	4.60	5.00	5.32	4.00		
493	Flory Milling Co. Inc., Bangor, Pa. Flory's Baby Chick Feed	Manufacturer's sample	11.78	9.88	9.00	1.35	5.00	3.43	2.50		
208	Flory Milling Co. Inc., Bangor, Pa. Golden Egg Laying Mash	Danbury: F. C. Benjamin	9.93	21.06	20.00	6.80	7.00	4.90	4.00		
201	Flory Milling Co. Inc., Bangor, Pa. Golden Egg Scratch Feed	Danbury: F. C. Benjamin	12.18	10.56	9.00	1.90	5.00	2.23	2.50		
1286	A. W. Forbes, East Haven, Conn. R-Own Laying Mash	East Haven: A. W. Forbes	9.75	18.13	18.00	5.50	7.00	6.15	4.00		

1287	A. W. Forbes, East Haven, Conn. R-Own Scratch Feed.....	13.63	10.56	10.00	1.88	5.00	2.08	3.00
1004	J. B. Garland & Son, Worcester, Mass. Garland's Growing Mash	8.88	20.31	14.00	3.55	8.00	6.45	4.00
1003	J. B. Garland & Son, Worcester, Mass. Garland's Poultry Mash.	8.88	22.00	20.00	5.05	8.00	6.18	4.00
1002	J. B. Garland & Son, Worcester, Mass. Royal Worcester Scratch Feed.....	11.18	11.00	10.00	3.30	4.00	2.75	2.00
584	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Baby Chick Starter with Buttermilk- Cod Liver Oil.....							
583	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Broiler Mash with Buttermilk—Cod Liver Oil.....	10.00	15.75	14.00	3.73	5.00	5.43	4.00
91	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Growing termilk-Cod Liver-Oil.....	10.08	17.88	15.00	3.58	6.00	5.15	4.00
87	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Com- plete Starting Ration with But- termilk-Cod Liver-Oil.....	9.55	16.75	16.00	4.50	6.00	5.05	4.00
582	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Growing Mash with Buttermilk.....	9.08	17.63	15.00	5.48	8.00	5.28	4.00
88	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Growing Mash with Buttermilk and Cod Liver Oil.....	9.53	16.38	15.00	5.50	8.00	5.00	4.00
89	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Inter- mediate Chick Feed.....	11.00	10.88	10.00	1.50	5.00	2.83	2.50
	D. H. Grandin Milling Co., James- town, N. Y. Grandin's Laying Mash with Buttermilk.....	9.05	21.88	20.00	4.83	8.00	4.50	4.00

East Haven: A. W. Forbes.....  
No. Grosvenordale: Thompson  
Grain Co.....  
No. Grosvenordale: Thompson  
Grain Co.....  
No. Grosvenordale: Thompson  
Grain Co.....

Portland: Valley Mills.....

Portland: Valley Mills.....

Manchester: O. E. Bailey.....

Manchester: O. E. Bailey.....

Portland: Valley Mills.....

Manchester: O. E. Bailey.....

Manchester: O. E. Bailey.....





9166	Hales & Hunter Co., Chicago, Ill. Morning Glory Egg Mash with Dried Buttermilk.....	Plainville: W. S. Eaton.....	9.53	19.88	20.00	6.30	8.00	4.88	4.50
9069	Hales & Hunter Co., Chicago, Ill. Red Comb Chick Starter with Dried Buttermilk.....	Plantville: C. A. Cowles.....	9.90	18.75	15.00	4.58	5.00	4.78	4.00
9242	Hales & Hunter Co., Chicago, Ill. Red Comb Coarse Chick.....	Guilford: Fred C. Morse & Son...	12.00	10.50	10.00	1.93	5.00	2.35	2.50
1084	Hales & Hunter Co., Chicago, Ill. Red Comb Crate Fattener with Rolled Oats.....	Stratford: Farmers Flour & Grain Co.....	9.58	14.88	13.00	4.53	6.00	4.43	4.00
9083	Hales & Hunter Co., Chicago, Ill. Red Comb Egg Mash with Dried Buttermilk.....	Plainville: W. S. Eaton.....	9.63	19.50	18.00	5.43	7.00	5.03	4.00
9238	Hales & Hunter Co., Chicago, Ill. Red Comb Fine Chick.....	Guilford: Fred C. Morse & Son...	12.43	10.75	10.00	1.15	5.00	2.15	2.50
9239	Hales & Hunter Co., Chicago, Ill. Red Comb Growing Mash with Dried Buttermilk.....	Guilford: Fred C. Morse & Son...	9.35	19.06	15.00	6.70	6.00	5.23	4.00
147	Hales & Hunter Co., Chicago, Ill. Red Comb Scratch Feed.....	Lebanon: Berkman Grain Co....	11.83	10.00	10.00	2.15	5.00	2.65	2.50
75	A. S. Labieniec, Kensington, Conn. Reliable Laying Mash.....	Kensington: A. S. Labieniec.....	9.83	21.31	19.00	5.15	8.00	4.43	4.00
541	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Baby Chick Starter.....	Wallingford: Laden Bros. Co., Inc.....	11.03	18.75	17.50	4.53	5.00	6.13	5.00
67	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Growing Mash..	Wallingford: Laden Bros. Co., Inc.....	11.83	15.75	17.00	3.68	5.00	5.15	5.50
66	Laden Bros. Co., Inc., Wallingford, Conn. Laden's Laying Mash....	Wallingford: Laden Bros. Co., Inc.....	10.54	19.25	18.00	4.55	5.00	5.90	5.00
9322	Larowe Milling Co., Detroit, Mich. Larro Broiler Feed.....	Branford: S. V. Osborn Est.....	9.95	17.50	15.00	5.03	7.00	4.90	4.50
9323	Larowe Milling Co., Detroit, Mich. Larro Chick Grains.....	Branford: S. V. Osborn Est.....	11.20	10.94	10.00	1.50	3.50	2.48	2.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
PROPRIETARY MIXED FEEDS— <i>Continued</i>										
<i>Poultry feeds—Continued</i>										
9142	Larowe Milling Co., Detroit, Mich. Larro Chick Starter. . . .	Bridgeport: Brooklawn Feed Co..	9.30	17.56	16.50	4.80	5.00	5.38	4.50	
9177	Larowe Milling Co., Detroit, Mich. Larro Egg Mash. . . . .	So. Norwalk: Roodner Feed Co...	8.73	21.13	19.00	6.98	7.50	5.43	5.00	
9175	Larowe Milling Co., Detroit, Mich. Larro Growing Grains...	So. Norwalk: Roodner Feed Co...	12.00	10.81	10.00	1.85	3.50	2.63	2.00	
9141	Larowe Milling Co., Detroit, Mich. Larro Growing Mash...	Bridgeport: Brooklawn Feed Co..	9.58	18.13	16.00	5.23	6.50	5.53	4.50	
9321	Larowe Milling Co., Detroit, Mich. Larro Poultry Fattening Feed. . . . .	Branford: S. V. Osborn Est. . . . .	9.33	17.19	14.00	5.70	7.50	5.53	4.00	
525	Larowe Milling Co., Detroit, Mich. Larro Scratch Grains. . .	Branford: S. V. Osborn Est. . . . .	12.40	11.00	10.00	2.05	3.50	2.63	2.00	
9168	Libner Grain Co., Inc., Norwalk, Conn., Libner's Blue Ribbon Broiler Ration. . . . .	Norwalk: Libner Grain Co., Inc..	10.18	19.00	18.00	4.25	6.00	5.65	4.00	





9205	Maritime Milling Co., Inc., Buffalo, N. Y. Bull Brand Scratch Feed.....	12.35	10.63	10.00	2.33	4.00	2.35	2.50
791	Maritime Milling Co., Inc., Buffalo, N. Y. Dollar Maker Eggs Mash.....	9.90	17.94	17.00	6.40	9.00	5.53	3.50
790	Maritime Milling Co., Inc., Buffalo, N. Y. Dollar Maker Growing Mash Vitamized with Cod Liver Oil.....	10.40	15.19	15.00	6.08	9.00	5.65	3.50
1253	Maritime Milling Co., Inc., Buffalo, N. Y. Vitamized B. B. Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil...	9.98	19.38	18.00	5.90	7.00	5.75	3.50
129	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Chick Starter.....	8.90	18.38	13.00	5.00	5.00	4.25	4.00
128	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Growing Feed.....	9.25	16.75	17.00	7.75	8.00	4.38	5.50
47	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Buttermilk Laying Mash.....	9.73	19.13	17.00	6.38	8.00	4.90	5.50
48	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Intermediate Chick Feed.....	11.28	10.38	10.00	1.98	5.00	3.10	3.00
975	Meech & Stoddard, Inc., Middletown, Conn. Red Wing Special Scratch Feed.....	11.85	10.75	10.00	2.35	5.00	2.68	3.00
9123	Geo. Q. Moon & Co., Binghamton, N. Y. Moon's Baby Chick Grains.....	11.78	10.94	10.00	1.00	2.50	1.20	3.00
125	Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Baby Chick Starter Mash.....	8.60	17.63	15.00	3.30	5.00	2.98	4.00
	Thompsonville: Geo. S. Phelps & Co.....							
	Danbury: H. E. Meeker.....							
	Danbury: H. E. Meeker.....							
	Windsor: Lewis Bros.....							
	Essex: Meech & Stoddard, Inc....							
	Essex: Meech & Stoddard, Inc....							
	Middlefield: Middlefield Grain & Coal Co.....							
	Middlefield: Middlefield Grain & Coal Co.....							
	Middlefield: Middlefield Grain & Coal Co.....							
	Stratford: Z. C. Ingersoll.....							
	Higginsum: Felix A. Petrofsky ...							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
			%	%	%	%	%	%	
9124	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i> Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Developing Grains..... Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Growing Mash..... Geo. Q. Moon & Co., Inc., Binghamton, N. Y. Moon's Laying Mash with Dried Buttermilk.... Geo. Q. Moon & Co., Binghamton, N. Y. Moon's Scratch Feed.... Fred C. Morse & Son, Guilford, Conn. Old Mill Growing Mash.. Fred C. Morse & Son, Guilford, Conn. Old Mill Laying Mash...	Stratford: Z. C. Ingersoll.....	12.50	10.50	10.00	1.73	5.00	3.88	2.00
124		Higganum: Felix A. Petrofsky...	8.98	17.13	17.00	4.50	7.00	4.45	4.00
126		Higganum: Felix A. Petrofsky...	9.50	18.75	20.00	5.65	9.00	4.63	4.00
9122		Stratford: Z. C. Ingersoll.....	13.25	10.88	10.00	3.13	5.00	2.45	2.00
9237		Guilford: Fred C. Morse & Son...	9.63	17.75	15.00	4.53	6.00	5.28	5.00
9266		Guilford: Fred C. Morse & Son...	9.80	21.88	19.00	6.85	8.00	5.55	4.50

9236	Fred C. Morse & Son, Guilford, Conn. Old Mill Laying Mash with Milk.....	9.75	22.19	20.00	6.55	8.00	5.48	5.00
524	Fred C. Morse & Son, Guilford, Conn. Old Mill Scratch Feed...	11.93	11.88	10.00	2.38	4.00	2.60	2.50
9267	Fred C. Morse & Son, Guilford, Conn. Old Mill Starting Mash.	10.95	19.63	16.00	3.08	3.50	5.25	4.50
680	Norwalk Grain Co., Inc., Norwalk, Conn. Favorite Scratch Feed...	12.10	12.25	10.00	2.13	5.00	2.63	3.00
734	Nowak Milling Corp., Hammond, Ind. Domino Duo-Fold Pel-ets	9.20	17.63	15.00	5.83	6.50	6.00	4.50
733	Nowak Milling Corp., Hammond, Ind. Domino Egg Pel-ets.....	8.78	21.63	20.00	5.63	7.50	7.20	4.50
886	Nowak Milling Corp., Hammond, Ind., Domino Growing Pel-ets..	9.15	17.13	15.00	4.55	5.50	6.00	4.50
882	Nowak Milling Corp., Hammond, Ind. Domino Laying Mash with Buttermilk.....	8.78	19.25	20.00	5.40	8.00	5.53	4.50
885	Nowak Milling Corp., Hammond, Ind. Domino Scratch Feed.....	11.90	10.19	10.00	2.38	4.00	2.40	2.00
883	Nowak Milling Corp., Hammond, Ind. Export Scratch Feed.....	11.83	10.56	9.00	1.88	5.00	3.00	2.00
884	Nowak Milling Corp., Hammond, Ind. Fidelity Scratch Feed.....	11.98	11.56	10.00	2.25	4.00	2.23	2.00
40	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Fine Chick Grains.....	11.20	12.13	10.00	1.63	5.00	4.45	2.50
571	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Growing Mash with Buttermilk.....	10.33	18.00	17.00	5.03	8.00	4.78	4.00
9264	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil.....	9.70	18.06	17.00	5.05	8.00	5.23	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water		Protein (N x 6.25)	Fiber	Fat	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>							
9199	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Laying Mash with Dried Buttermilk...	Middletown: P. Levson & Son...	9.78	%	21.38	4.33	5.03	%
9200	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Laying Mash with Dried Buttermilk and Cod Liver Oil.....	Middletown: P. Levson & Son....	9.83	%	19.63	4.88	5.05	4.00
9201	Ontario Milling Co., Inc., Oswego, N. Y. Aunt Mary's Scratch Feed.....	Middletown: P. Levson & Son....	11.55	%	10.63	2.75	3.15	2.50
9265	Ontario Milling Co., Inc., Oswego, N. Y. Oswego Laying Mash with Dried Buttermilk.....	Middletown: P. Levson & Son....	9.70	%	19.25	6.43	5.15	4.00
611	Ontario Milling Co., Inc., Oswego, N. Y. Oswego Scratch Feed....	Middletown: P. Levson & Son....	13.05	%	10.88	2.53	2.58	2.50
9231	S. V. Osborn Est., Branford, Conn. Osborn Mash.....	Branford: S. V. Osborn Est.....	10.40	%	14.19	7.58	3.58	3.00



9235	S. V. Osborn Est., Branford, Conn. Osborn Scratch.	13.35	10.88	10.00	1.90	5.00	2.33	2.00
9060	The Park & Pollard Co., Inc., Buf- falo, N. Y. All-In-One Starting Feed.	12.10	17.00	17.00	2.58	5.00	4.01	3.50
9219	The Park & Pollard Co., Inc., Buf- falo, N. Y. Growing Feed.	11.30	16.63	14.00	4.80	7.00	4.10	3.00
9076	The Park & Pollard Co., Inc., Buf- falo, N. Y. Growing Feed with Cod Liver Oil.	12.10	16.44	14.00	4.70	7.00	4.18	3.00
9074	The Park & Pollard Co., Inc., Buf- falo, N. Y. Intermediate Chick Feed.	13.75	10.88	10.00	1.93	3.50	2.68	3.00
9075	The Park & Pollard Co., Inc., Buf- falo, N. Y. Lay or Bust Dry Mash.	11.33	18.88	18.00	4.37	7.00	4.20	3.00
9081	The Park & Pollard Co., Inc., Buf- falo, N. Y. Lay or Bust Dry Mash with Cod Liver Oil.	11.20	20.38	18.00	4.33	7.00	4.50	3.00
1040	The Park & Pollard Co., Inc., Buf- falo, N. Y. Park & Pollard Breeder Mash.	9.83	18.88	18.00	4.83	6.00	4.60	4.00
9080	The Park & Pollard Co., Inc., Buf- falo, N. Y. Park & Pollard Broiler Ration.	10.45	17.13	16.00	5.00	5.00	3.90	3.50
9061	The Park & Pollard Co., Inc., Buf- falo, N. Y. Park & Pollard Chick Starter.	11.23	17.63	17.00	2.63	5.00	3.80	3.50
240	The Park & Pollard Co., Inc., Buf- falo, N. Y. Park & Pollard Turkey Grower.	9.30	16.25	15.00	5.75	7.00	3.98	3.00
9218	The Park & Pollard Co., Inc., Buf- falo, N. Y. Red Ribbon Chick Feed.	12.58	10.81	10.00	1.68	3.50	2.95	3.00
	Branford: S. V. Osborn Est.....							
	West Cheshire: Cheshire Grain & Coal Co.....							
	Hazardville: A. D. Bridge's Sons..							
	Plainville: F. B. Newton.....							
	Plainville: F. B. Newton.....							
	Plainville: F. B. Newton.....							
	Plainville: W. S. Eaton.....							
	Plainville: State Farmers' Co-op. Assoc.....							
	Plainville: F. B. Newton.....							
	West Cheshire: Cheshire Grain & Coal Co.....							
	East Winsted: Leonard Grain Co.							
	Hazardville: A. D. Bridge's Sons..							



9108	Pratt Food Co., Buffalo, N. Y. Pratt's Growing Mash with Buttermilk.....	Bristol: Bristol Grain & Supply Co.....	8.30	19.25	17.50	5.15	6.00	5.18	4.50
803	Pratt Food Co., Buffalo, N. Y. Pratt's Intermediate Scratch Feed.....	Bristol: Bristol Grain & Supply Co.....	11.40	11.56	10.00	1.80	4.00	2.58	2.00
1044	Pratt Food Co., Buffalo, N. Y. Pratt's Large Scratch Feed.....	Bristol: Bristol Grain & Supply Co.....	11.25	10.81	10.00	2.05	4.00	3.03	2.00
9101	Pratt Food Co., Buffalo, N. Y. Pratt's Laying Mash with But- termilk.....	Bristol: Bristol Grain & Supply Co.....	9.88	22.38	20.00	5.45	6.75	5.10	4.50
851	H. C. Puffer Co., Springfield, Mass. Egg-Em-On Scratch Grains.....	Simsbury: H. B. Bunnell & Co....	11.83	11.38	10.00	2.50	5.00	2.65	1.50
103	The Quaker Oats Co., Chicago, Ill. Early Bird Coarse Chick Feed.....	Rockville: Rockville Grain & Coal Co.....	10.45	11.06	9.50	2.48	3.50	2.45	2.00
9220	The Quaker Oats Co., Chicago, Ill. Early Bird Fine Chick Feed, No Grit.....	Ansonia: I. Sovitsky.....	12.00	10.00	10.00	1.68	2.00	3.03	2.00
9092	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Chick Starter	Plainville: W. S. Eaton.....	8.43	19.06	17.00	5.98	7.00	5.60	5.00
902	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Coarse Chick Feed.....	Rockville: Rockville Grain & Coal Co.....	11.45	10.63	10.00	2.05	2.50	3.03	2.00
9203	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Egg Mash....	Thompsonville: Geo. S. Phelps & Co.....	8.18	19.81	20.00	6.20	8.00	5.55	4.50
9214	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Fine Chick Feed.....	Thompsonville: Geo. S. Phelps & Co.....	11.05	12.00	11.00	1.73	2.00	2.98	2.50
9202	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Growing Mash.....	Thompsonville: Geo. S. Phelps & Co.....	8.98	20.25	19.00	4.75	6.00	5.53	5.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>									
484	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Station Grade Fattening Feed.....	New Haven: R. G. Davis & Sons, Inc.....	%	%	%	%	%	%	%	
658	The Quaker Oats Co., Chicago, Ill. Quaker Ful-O-Pep Scratch Grains.....	Plainville: W. S. Eaton.....	9.83	13.94	12.00	3.55	5.50	5.25	4.50	
188	Ralston Purina Co., St. Louis, Mo. Protena Scratch Feed (Buffalo Mills).....	Stamford: Clapboard Hill Feed Co.....	11.88	10.25	9.00	2.10	3.50	2.85	2.00	
855	Ralston Purina Co., St. Louis, Mo. Purina All Mash Egg Chow- der.....	Stamford: Clapboard Hill Feed Co.....	12.68	9.69	9.50	2.48	4.00	2.75	2.00	
95	Ralston Purina Co., St. Louis, Mo. Purina All Mash Startena Chow.	Manchester: Manchester Grain Co.....	10.18	16.50	15.50	5.53	8.00	4.53	3.50	
190	Ralston Purina Co., St. Louis, Mo. Purina Breeder Egg Chowder...	Stamford: Clapboard Hill Feed Co.....	9.80	18.75	18.00	4.38	7.00	5.15	4.00	
			9.63	22.00	19.00	6.40	8.00	5.65	3.50	

193	Ralston Purina Co., St. Louis, Mo. Purina Chicken Fat Chow.....	New Canaan: Clapboard Hill Feed Co.....	9.40	17.19	15.50	4.20	5.00	3.95	3.00
150	Ralston Purina Co., St. Louis, Mo. Purina Chicken Fatena Chow....	Norwich: A. E. Shedd.....	9.35	13.50	12.00	4.85	6.60	4.90	3.00
37	Ralston Purina Co., St. Louis, Mo. Purina Chick Growena Chow....	Windsor: L. W. Hudson.....	10.03	18.75	17.00	5.53	7.00	4.80	3.50
690	Ralston Purina Co., St. Louis, Mo. Purina Chick Startena Chow....	Ridgefield: Ridgefield Lumber Co. Plantville: Edward Mehmel & Son.....	8.85 10.75	21.50 21.13	19.00 19.00	5.35 6.48	7.00 8.00	5.05 4.74	4.00 3.50
9073	Ralston Purina Co., St. Louis, Mo. Purina Egg Chowder.....	Norwich: A. E. Shedd.....	8.78	21.13	19.00	6.65	8.00	5.43	3.50
152	Ralston Purina Co., St. Louis, Mo. Purina Egg Chowder (with Cod Liver Oil).....	Torrington: F. L. Wadhams..... Manchester: Manchester Grain Co.....	12.10 11.38	11.88 10.38	10.00 10.00	3.03 1.73	4.00 4.00	3.60 2.53	2.50 2.50
784	Ralston Purina Co., St. Louis, Mo. Purina Hen Chow.....	New Canaan: Clapboard Hill Feed Co.....	11.73	16.75	14.00	7.30	12.00	3.65	3.00
92	Ralston Purina Co., St. Louis, Mo. Purina Intermediate Hen Chow	Plantville: Edward Mehmel & Son.....	11.83	18.69	17.00	6.18	8.00	4.18	2.50
194	Ralston Purina Co., St. Louis, Mo. Purina Lamb Chow.....	New Canaan: Clapboard Hill Feed Co.....	10.33	18.69	17.00	5.68	8.00	4.18	2.50
9072	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow.....	Manchester: Manchester Grain Co.....	10.63	17.44	17.00	5.75	8.00	5.00	2.50
192	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow (with Dried Buttermilk).....	So. Coventry, E. W. Latimer..... Manchester: Manchester Grain Co.....	10.25 9.65	18.38 18.75	17.00 18.00	6.08 4.78	8.00 7.00	4.68 6.10	2.50 4.00
93	Ralston Purina Co., St. Louis, Mo. Purina Lay Chow (with Cod Liver Oil).....	Seymour: Seymour Grain & Coal Co.....	9.53	18.63	16.00	3.83	5.00	4.28	4.00
113	Ralston Purina Co., St. Louis, Mo. Purina Turkey Growing and Fattening Chow.....								
94	Ralston Purina Co., St. Louis, Mo. Purina Turkey Startena Chow....								
9274	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Chick Grower.....								

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred						
			Water	Protein (N x 6.25)		Fiber		Fat	
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>								
	<i>Poultry feeds—Continued</i>								
9184	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Chick Starter.....	Seymour: Seymour Grain & Coal Co.....	%	%	%	%	%	%	%
1026	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Laying Mash with Milk.....	Seymour: Seymour Grain & Coal Co.....	9.40	19.06	16.00	3.93	6.00	4.13	4.00
9185	Seymour Grain & Coal Co., Sey- mour, Conn. Miracle Scratch Feed.....	Seymour: Seymour Grain & Coal Co.....	8.70	20.75	19.00	5.60	6.00	4.73	4.50
498	Shelton Feed Co., Inc. Shelton, Conn. Nelson's Mixed Chicken Feed.....	Seymour: Seymour Grain & Coal Co.....	12.80	10.50	10.00	2.90	6.00	2.63	2.50
1047	I. Sovitsky, Ansonia, Conn. An- sonia Egg Mash with Buttermilk	Shelton: Shelton Feed Co. Inc....	11.75	10.63	10.00	2.15	5.00	2.98	1.50
1048	I. Sovitsky, Ansonia, Conn. An- sonia Scratch Feed.....	Ansonia: I. Sovitsky.....	9.10	21.50	20.00	5.53	6.00	5.60	5.00
		Ansonia: I. Sovitsky.....	10.25	10.88	9.00	2.40	4.00	2.75	2.00

116	St. Albans Grain Co., St. Albans, Vt. King All-Purpose Chick & Broiler Ration.....	Willimantic: Willimantic Grain Co.....	9.95	17.38	17.50	3.48	5.50	3.95	4.00
123	St. Albans Grain Co., St. Albans, Vt. King Growing Feed containing Buttermilk.....	Willimantic: Willimantic Grain Co.....	10.50	16.38	15.00	4.38	6.00	4.50	4.50
117	St. Albans Grain Co., St. Albans, Vt. King Intermediate Chick Feed.....	Willimantic: Willimantic Grain Co.....	10.85	11.63	10.00	1.65	3.50	3.00	2.50
114	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Buttermilk.....	Willimantic: Willimantic Grain Co.....	9.65	20.50	20.00	4.33	7.00	4.10	4.00
115	St. Albans Grain Co., St. Albans, Vt. King Mash Feed containing Cod Liver Oil, Buttermilk.....	Willimantic: Willimantic Grain Co.....	9.73	21.00	20.00	4.63	7.00	4.48	4.00
142	St. Albans Grain Co., St. Albans, Vt. King Scratch Feed.....	Norwich: Norwich Grain Co.....	11.55	10.25	10.00	2.13	4.00	2.58	2.50
69	St. Albans Grain Co., St. Albans, Vt. Mornin' Call Poultry Grains	Meriden: H. Grulich.....	12.75	10.63	10.00	2.13	4.00	3.18	2.50
9057	St. Albans Grain Co., St. Albans, Vt. Wirthmore All Purpose Chick and Broiler Ration.....	Cheshire: Center Grain Co.....	10.95	19.38	17.50	4.60	5.50	4.55	4.00
9189	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Scratch Feed.....	Naugatuck: Naugatuck Fruit & Produce Co.....	11.78	11.63	10.00	1.50	3.50	2.60	2.50
9056	St. Albans Grain Co., St. Albans, Vt. Wirthmore Baby Chick Starter containing Cod Liver Meal, Buttermilk, Cod Liver Oil.....	Cheshire: Center Grain Co.....	10.50	20.06	18.00	3.45	5.00	4.35	4.00
32	St. Albans Grain Co., St. Albans, Vt. Wirthmore Breeder Mash..	Thompsonville: John Williams...	9.23	20.50	20.00	4.80	7.00	4.55	4.50
870	St. Albans Grain Co., St. Albans, Vt. Wirthmore Complete Ration for Layers.....	Suffield: Spencer Bros.....	10.60	17.38	15.00	3.28	5.00	4.10	4.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>									
	<i>Poultry feeds—Continued</i>									
9130	St. Albans Grain Co., St. Albans, Vt. Wirthmore Duck Growing Feed. ....	Southport: C. Buckingham & Co.	%	%	%	%	%	%	%	%
9176	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Mash containing Buttermilk. ....	So. Norwalk: Roodner Feed Co...	10.00	20.75	17.50	3.83	4.50	5.08	4.00	4.50
9099	St. Albans Grain Co., St. Albans, Vt. Wirthmore Growing Mash containing Cod Liver Oil—But- termilk. ....	Bristol: C. A. Cowles. ....	11.05	16.88	15.00	5.28	6.00	4.18	4.50	4.50
9227	St. Albans Grain Co., St. Albans, Vt. Wirthmore Intermediate Scratch Feed. ....	Branford: S. V. Osborn Est. ....	10.93	16.00	15.00	5.00	6.00	5.25	4.50	4.50
9110	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash with Buttermilk. ....	Bristol: Bristol Grain & Supply Co. ....	12.73	10.63	10.00	1.55	3.50	2.85	2.50	4.00
			10.10	22.75	20.00	5.23	7.00	4.78		



9058	St. Albans Grain Co., St. Albans, Vt. Wirthmore Laying Mash containing Cod Liver Oil—Buttermilk.....	10.50	20.63	20.00	4.43	7.00	4.80	4.00
531	St. Albans Grain Co., St. Albans, Vt. Wirthmore Scratch Feed...	12.10	11.38	10.00	6.60	4.00	2.63	2.50
9112	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Growing	10.18	17.25	18.00	4.40	6.00	4.75	4.50
31	St. Albans Grain Co., St. Albans, Vt. Wirthmore Turkey Starter containing Cod Liver Meal—Buttermilk.....							
9195	D. A. Stickell & Sons, Inc., Hagerstown, Md. Snap Scratch Grain .....	9.95	19.63	20.00	3.83	5.00	3.98	4.50
880	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Growing Mash.....	12.40	10.88	10.00	2.28	5.00	2.33	2.50
9120	D. A. Stickell & Sons, Inc., Hagerstown, Md. Stickell's Intermediate Chick Feed .....	9.18	16.31	16.00	4.43	7.00	5.75	5.00
877	D. A. Stickell & Sons, Inc., Hagerstown, Md. Two-In-One Scratch Grains .....	12.40	10.19	10.00	1.80	5.00	3.78	2.50
9128	Syracuse Milling Co., Syracuse, N. Y. Syragold Chick Feed.....	12.20	10.06	10.00	1.68	5.00	2.58	2.50
183	Syracuse Milling Co., Syracuse, N. Y. Syragold Chick Starter...	11.80	10.69	10.00	1.43	5.00	2.28	2.50
9129	Syracuse Milling Co., Syracuse, N. Y. Syragold Egg Mash.....	9.60	21.38	18.00	4.08	4.00	4.95	3.50
182	Syracuse Milling Co., Syracuse, N. Y. Syragold Growing Mash...	10.08	19.25	18.00	5.80	8.00	5.33	3.00
181	Syracuse Milling Co., Syracuse, N. Y. Syragold Laying Mash with Buttermilk .....	9.48	17.75	16.00	2.88	7.00	4.75	4.00
	East Bridgeport: J. Simons.....	9.63	19.06	18.00	8.00	9.00	4.75	3.00
	Cheshire: Center Grain Co.....							
	Clinton: Clinton Grain Co.....							
	Bristol: Bristol Grain & Supply Co.....							
	Thompsonville: John Williams...							
	Hartford: H. L. Solloway.....							
	Hartford: H. L. Solloway .....							
	Stratford: Farmers Flour & Grain Co.....							
	Meriden: H. Grulich .....							
	Southport: C. Buckingham & Co.							
	East Bridgeport: J. Simons.....							
	Southport: C. Buckingham & Co.							
	East Bridgeport: J. Simons.....							
	East Bridgeport: J. Simons.....							

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water		Protein (N x 6.25)		Fiber		Fat	
			%	Found	%	Guaranteed, not less than	Found	Guaranteed, not more than	%	Found
PROPRIETARY MIXED FEEDS— <i>Continued</i> <i>Poultry feeds—Continued</i>										
657	Syracuse Milling Co., Syracuse, N. Y. Syragold Scratch Grains..	Plainville: W. S. Eaton.....	12.13	11.63	10.00	2.28	5.00	2.95	2.50	%
3333	Thomaston Supply Co., Thomas- ton, Conn. Thomaston Egg Mash with Cod Liver Oil.....	Thomaston: Thomaston Supply Co.....	8.90	18.94	20.00	7.15	7.00	4.78	4.50	%
378	Thomaston Supply Co., Thomas- ton, Conn. Thomaston Growing Mash with Cod Liver Oil.....	Thomaston: Thomaston Supply Co.....	9.90	16.94	15.00	6.85	7.00	4.48	4.00	%
9334	Thomaston Supply Co., Thomas- ton, Conn. Thomaston Scratch.	Thomaston: Thomaston Supply Co.....	12.58	10.69	10.00	2.05	5.00	2.33	3.00	%
693	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Chicatine.....	Hawleyville: W. A. Honan, Inc...	10.18	20.75	18.00	5.45	6.00	5.00	3.00	%
9204	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Derby-E-Gee Scratch.....	Thompsonville: Geo. S. Phelps & Co.....	12.68	10.50	9.00	2.35	4.50	2.98	2.04	%
9174	Tioga-Empire Feed Mills, Waver- ly, N. Y. Egatine.....	So. Norwalk: Roodner Feed Co...	8.88	26.94	23.00	6.00	6.00	4.63	3.00	%

817	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Chick & Growing Mash.....	Bristol: Bristol Grain & Supply Co.....	10.13	20.13	16.00	5.38	6.00	5.15	3.00
692	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Chick & Growing Mash with Cod Liver Oil added.....	Hawleyville: W. A. Honan, Inc....	9.80	19.50	16.00	5.80	6.00	5.30	3.00
9082	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Laying Food.....	Plainville: W. S. Eaton.....	10.13	20.50	18.00	5.25	6.50	4.93	3.50
704	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Tioga Neverfail Chick Grains.....	Hawleyville: W. A. Honan, Inc....	11.30	11.88	10.00	1.03	3.00	3.38	3.50
243	Tioga-Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Never- fail Growing Grains.....	Torrington: Litchfield County Co-op. Assoc.....	10.15	11.38	10.00	1.65	4.00	3.05	2.50
242	Tioga Empire Feed Mills, Inc., Waverly, N. Y. Ti-O-Ga Never- fail Poultry Grains.....	Torrington: Litchfield County Co-op. Assoc.....	10.80	11.50	9.00	2.91	4.79	3.00	2.08
1022	Jacob Trinley & Sons, Linfield, Pa. Favorite Laying Mash.....	Bridgeport: Conn. Feed Co.....	9.48	18.13	18.00	7.43	7.00	4.85	4.00
1018	Jacob Trinley & Sons, Linfield, Pa. Favorite Scratch Grains.....	Bridgeport: Conn. Feed Co.....	11.55	9.75	9.00	1.73	5.00	2.85	2.00
1090	United Co-op. Farmers, Inc., Fitchburg, Mass. United Farm- ers Milk Egg Mash.....	Foster Center: John Jackson.....	10.00	17.50	16.50	5.15	6.50	4.88	4.00
1091	United Co-op. Farmers, Inc., Fitchburg, Mass. United Farm- ers Milk Maker.....	Foster Center: John Jackson.....	8.83	20.75	20.00	8.13	8.00	4.43	4.00
9332	Watertown Co-op. Assoc., Water- town, Conn. Sterling Scratch Feed.....	Watertown: Watertown Co-op. Assoc.....	11.90	11.06	10.00	2.55	4.00	2.73	2.50
612	F. S. Wertz & Son, Reading, Pa. Mixed Grains for Poultry.....	Hartford: New York Feed Corp..	12.15	10.06	10.00	2.28	4.00	3.13	3.00

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Round	Guaranteed, not less than	Round	Guaranteed, not more than	Round	Guaranteed, not less than	
	PROPRIETARY MIXED FEEDS— <i>Continued</i>									
	<i>Poultry feeds—Continued</i>									
613	F. S. Wertz & Son, Reading, Pa. Reading Egg Mash.....	Hartford: New York Feed Corp..	9.45	19.13	18.00	5.35	7.50	5.00	4.00	
614	F. S. Wertz & Son, Reading, Pa. Wertz's Growing Mash with Malted Skimmed Milk.....	Hartford: New York Feed Corp..	9.53	16.13	15.00	5.55	7.00	4.65	4.00	
222	West-Nesbit, Inc., Oneonta, N. Y. Conn. State Formula Mash....	Winsted: C. R. Hawley.....	9.68	19.06	18.00	4.23	7.00	5.50	4.00	
9263	West-Nesbit, Inc., Oneonta, N. Y. Pure Feed Egg Mash with But- termilk.....	East Hartford: Stowe & Rondeau. Naugatuck: Naugatuck Fruit & Produce Co.....	8.80	22.88	18.00	5.88	7.00	5.85	5.00	
9262	West-Nesbit, Inc., Oneonta, N. Y. N. Y. Pure Feed Starting Mash.		10.25	17.13	16.00	2.75	4.60	4.95	4.50	
1027	Wolf's Feed Store, Shelton, Conn. Wolf's Egg Mash.....	Shelton: Wolf's Feed Store.....	9.10	18.38	20.00	6.93	8.00	4.83	4.50	
9181	Wolf's Feed Store, Shelton, Conn. Wolf's Scratch Feed.....	Shelton: Wolf's Feed Store.....	12.98	9.88	10.00	2.45	4.00	2.48	2.00	

9051	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Broiler Ration.....	Hamden: Hamden Grain Co.....	10.33	19.38	17.50	4.10	6.00	5.95	4.00
49	Yantic Grain & Products' Co., Norwich, Conn. Big (Y) But- termilk Laying Mash.....	Middlefield: Middlefield Center Grain Co.....	9.48	18.88	17.00	5.60	7.00	4.33	4.00
42	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Chick Grains.....	Middlefield: Middlefield Center Grain Co.....	11.60	12.06	10.00	1.23	4.00	3.58	2.00
9054	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Chick Starter with Cod Liver Oil.....	Hamden: Hamden Grain Co.....	11.03	18.38	18.00	3.75	6.00	5.80	4.00
9055	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Grow- ing Feed.....	Hamden: Hamden Grain Co.....	10.30	17.81	16.00	5.33	7.00	4.60	4.00
9052	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Intermedi- ate Chick Grains.....	Hamden: Hamden Grain Co.....	13.03	11.13	10.00	1.88	5.00	3.33	2.50
176	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Laying Mash.....	Jewett City: Big Y Feed Store...	9.68	19.06	16.00	4.43	7.00	4.55	4.00
41	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Laying Mash with Buttermilk & Cod Liver Oil.....	Middlefield: Middlefield Center Grain Co.....	10.40	19.06	17.00	5.00	7.00	4.61	4.00
127	Yantic Grain & Products Co., Norwich, Conn. Big (Y) Scratch Feed.....	East Haddam: East Haddam Grain Co.....	11.68	12.13	10.00	2.78	5.00	2.45	3.00
869	Yantic Grain & Products Co., Nor- wich, Conn. Big (Y) Turkey Growing Feed.....	Middlefield: Middlefield Center Grain Co.....	9.40	20.13	18.00	4.55	7.00	5.45	4.00
9053	Yantic Grain & Products Co., Nor- wich, Conn. Calico Girl Scratch Feed.....	Hamden: Hamden Grain Co.....	13.05	11.38	10.00	3.23	5.00	2.48	2.50

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Protein (N x 6.25)		Fiber		Fat	
			Round	Guaranteed, not less than	Round	Guaranteed, not more than	Round	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>							
	<i>Poultry feeds—Concluded</i>							
861	Yantic Grain & Products Co., Norwich, Conn. Columbia Scratch Feed.....	Naugatuck: Naugatuck Grain Co.....	%	%	%	%	%	%
981	Yantic Grain & Products Co., Norwich, Conn. Uncas Scratch Feed.....	Mystic: Mystic Grain Co.....	11.80	10.50	1.88	5.00	2.88	3.00
	<i>Beef scraps, and other products</i>		11.95	11.38	2.13	5.00	2.48	2.00
105	C. E. Buell, Inc., Boston, Mass. Buell-Boston Dried Skim Milk..	Stafford Springs: Dennis Grain Mill.....	5.15	33-94	31.10	.....	0.68	0.20
1083	C. W. Burckhalter, Inc., New York City. Burck Brand Dried Buttermilk.....	Wallingford: A. E. Hall.....	8.75	35.19	32.00	.....	8.25 <sup>1</sup>	4.00
9173 <sup>2</sup>	C. W. Burckhalter, Inc., New York City. Burck Brand Powdered Skim Milk.....	Norwalk: Libner Grain Co.....	3.85	33-94	32.00	.....	1.18	0.75

<sup>1</sup> Roese-Gottlieb Method.<sup>2</sup> Wire tags illegal.

567	Collis Products Co., St. Paul, Minn. Collis Process Dried Buttermilk.....	Middletown: Meech & Stoddard, Inc.....	11.33	31.13	30.00	.....	.....	8.53	5.00
515	Conn. Fat Rendering & Fertilizer Corp., New Haven, Conn. Meat Scrap.....	East Haven: A. W. Forbes.....	7.15	56.63	45.00	.....	.....	10.25	10.00
795	Consolidated By-Products Co., Philadelphia, Pa. Bone Meal....	Watertown: Watertown Co-op. Assoc.....	3.33	7.44	5.00	3.33	4.00	0.43	0.50
9243	Consolidated Feed & Grain Co. Inc., Buffalo, N. Y. Bison Dried Skim Milk.....	Guilford: Fred C. Morse & Son...	5.38	34.38	30.00	.....	.....	0.75 <sup>1</sup>	0.50
9126	Consolidated Products Co., Danville, Ill. Dried Buttermilk.....	Southport: C. Buckingham & Co.	7.20	36.00	30.00	.....	.....	7.30 <sup>1</sup>	5.50
9127	Consolidated Products Co., Danville, Ill. Dried Skim Milk.....	Southport: C. Buckingham & Co.	3.95	35.50	35.00	.....	.....	1.25 <sup>1</sup>	0.50
9277	Consolidated Rendering Co., Boston, Mass. Corenco Bone Meal.	Southbury: H. R. Stone.....	7.08	24.75	20.00	.....	.....	1.75	3.00
244	An All Animal Feed for Cattle, Hogs & Poultry.....	Torrington: Litchfield County Co-op. Assoc.....	4.98	34.63	33.00	.....	.....	0.80 <sup>1</sup>	0.75
644	Dairymen's League Co-op. Assoc. New York City. Dairylea Dried Skim Milk.....	West Cheshire: Cheshire Grain & Coal Co.....	6.48	31.81	35.00	.....	.....	0.78 <sup>1</sup>	1.00
9270	The Dry Milk Co., Inc., New York City. Chikora.....	Seymour: Seymour Grain & Coal Co.....	8.88	66.69	65.00	.....	.....	4.33	3.00
1017	Flag Fish Co., Inc., New York City. Flag Fish Meal.....	Seymour: Seymour Grain & Coal Co.....	10.58	65.06	65.00	.....	.....	2.55	3.00
9121	L. T. Frisbie Co., New Haven, Conn. Frisbie's Poultry Feed 45%.....	Stratford: Z. C. Ingersoll.....	5.38	48.69	45.00	.....	.....	8.88	8.00
643	L. T. Frisbie Co., New Haven, Conn. Frisbie's Poultry Feed 50%.....	West Cheshire: Cheshire Grain & Coal Co.....	7.03	53.13	50.00	.....	.....	9.05	8.00

<sup>1</sup> Rose-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—Continued

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred					
			Water		Protein (N x 6.25)		Fiber	
			Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than
	PROPRIETARY MIXED FEEDS— <i>Continued</i>							
	<i>Beef scraps and other products— Continued</i>							
893	L. T. Frisbie Co., New Haven, Conn. Frisbie's Poultry Feed 55%.....	Bloomfield: Bloomfield Farmers' Exchange.....	6.70	57.56	55.00	.....	.....	.....
9336	Gorton Pew Fisheries Co., Ltd., Gloucester, Mass. Gorton's Cod Fish Meal.....	Thomaston: Thomaston Supply Co.....	5.68	61.00	55.00	0.78	1.00	1.32
72	Hershey's Creamery Co., Harris- burg, Pa. "Hershey's Superior Powdered Skim Milk".....	Meriden: Raymond Ives.....	4.98	34.50	32.00	.....	.....	0.80 <sup>1</sup>
108	Henry James & Son, Inc., Spring- field, Mass. Special Meat & Bone Scrap.....	West Willington: H. M. Hansen..	7.15	53.56	50.00	.....	.....	8.23
459	Land O'Lakes Creameries, Inc., Chicago, Ill. Dried Buttermilk..	Meriden: Reliable Feed Store....	8.20	33.50	30.00	.....	.....	1.25 <sup>1</sup>

82

<sup>1</sup> Rose-Gottlieb Method.



231	Land, O'Lakes Creameries, Inc., Chicago, Ill. Dried Skim Milk...	Rockville: Rockville Grain & Coal Co.....	8.28	34.25	30.00	.....	.....	1.70 <sup>1</sup>	0.50
819	Maine Fish Meal Co., Portland, Maine. Sardine Maine Fish Meal.....	Plantville: C. A. Cowles.....	11.90	53.81	55.00	0.43	1.00	15.18	1.00
1167	Maine Fish Meal Co., Portland, Maine. Sardine Maine Fish Meal.....	Plantville: C. A. Cowles.....	11.98	54.50	55.00	0.20	1.00	17.55	1.00
1165	Maine Fish Meal Co., Portland, Maine. Sardine Maine Fish Meal.....	Plantville: C. A. Cowles.....	11.28	53.88	55.00	0.50	1.00	16.73	1.00
189	Monti Van Iderstine, Inc., Brooklyn, N. Y. Monti Van Meat Scrap.....	Stamford: Clapboard Hill Feed Co.....	7.05	55.13	50.00	2.33	3.00	10.75	7.00
9066	James F. Morse & Co., Somerville, Mass. Morse's Meat Scraps....	Plantville: C. A. Cowles.....	6.08	40.50	40.00	.....	.....	10.39	8.00
469	Chas. W. Priddy & Co., Inc., Norfolk, Va. "The Best" Fish Meal	Shelton: Wolf Savitsky.....	8.80	57.63	55.00	0.70	7.00	5.23	5.00
141	John Reardon & Sons Co., Cambridge, Mass. 45% Register Brand Meat & Bone Scraps....	Norwich: Norwich Grain Co.....	4.48	43.63	45.00	1.03	3.00	9.05	6.00
982	John Reardon & Sons Co., Cambridge, Mass. 55% Register Brand Meat Scrap.....	Westerly: C. W. Campbell Co....	6.75	55.06	55.00	1.45	3.00	8.08	6.00
174	John Reardon & Sons Co., Cambridge, Mass. Register Brand Cod & Haddock Fish Meal.....	Norwich: Norwich Grain Co.....	7.72	62.50	60.00	0.25	1.00	2.48	3.00
1069	Springfield Rendering Co., Springfield, Mass. Boston Pure Cod & Haddock Meal.....	Rockville: Rockville Milling Co..	8.30	62.13	62.00	.....	.....	2.75	3.00
903	Springfield Rendering Co., Springfield, Mass. High Grade Poultry Feed.....	Rockville: Rockville Milling Co..	7.05	50.13	50.00	.....	.....	10.33	8.00

<sup>1</sup> Rose-Gottlieb Method.

TABLE I. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1932—*Concluded*

Station No.	Manufacturer and brand	Retail dealer	Pounds per hundred							
			Water	Protein (N x 6.25)		Fiber		Fat		
				Found	Guaranteed, not less than	Found	Guaranteed, not more than	Found	Guaranteed, not less than	
			%	%	%	%	%	%	%	
900	PROPRIETARY MIXED FEEDS— <i>Concluded</i>									
62	<i>Beef scraps and other products— Concluded</i>									
	Springfield Rendering Co., Springfield, Mass. Springfield Poultry Feed.....	Hazardville: Amos D. Bridge's Sons.....	7.40	45.38	45.00	.....	8.75	8.00		
	John T. Stanley Co., Inc., New York City. Stanley's 45% Meat & Bone Scrap for Poultry. ....	Wallingford: A. E. Hall.....	6.33	47.31	45.00	1.43	11.00	10.00		
121	Chas. M. Struven & Co., Baltimore, Md. Struven's Fish Meal & Bone Scrap for Poultry.....	Wallingford: A. E. Hall.....	6.55	56.44	55.00	0.55	10.33	4.00		
9077	Dried Buttermilk.....	Plainville: F. B. Newton.....	10.13	31.88	30.00	.....	6.73 <sup>1</sup>	5.50		
9068	Swift & Co., Chicago, Ill. Swift's Meat & Bone Scraps.....	Plantsville: C. A. Cowles.....	6.73	53.44	50.00	.....	11.38	6.00		

<sup>1</sup>Roose-Gottlieb Method.

9186	Van Iderstine Co., Long Island City, N. Y. Vico Quality Meat & Bone.....	Seymour: Seymour Grain & Coal Co.....	5.63	50.25	50.00	.....	.....	9.98	1.00
609	Ward Dry Milk Co., St. Paul, Minn. Ward's Pure Dried Skim Milk.....								
955	Worcester Rendering Co., Auburn, Mass. P. W. Fish Meal.....	East Haven: A. W. Forbes..... Willimantic: Willimantic Grain Co.....	7.25	34.25	32.00	.....	.....	1.08	1.00
954	Worcester Rendering Co., Auburn, Mass. P. W. Meat Scrap.....	Willimantic: Willimantic Grain Co.....	5.00	47.06	50.00	0.78	2.00	13.08	4.00
952	Worcester Rendering Co., Auburn, Mass. P. W. Special Meat Scrap	So. Coventry: E. W. Latimer....	6.90	44.06	45.00	1.30	6.00	8.88	8.00
			5.75	56.19	55.00	1.65	5.00	10.85	8.00

TABLE 1a. SUMMARY OF INSPECTION OF OFFICIAL SAMPLES

Feed	Samples examined	Samples deficient	Deficiencies in			Total deficiencies
			Protein	Fiber	Fat	
Cottonseed meal.....	12	2	2	1	1	4
Linseed meal.....	11	2	1	0	1	2
Soybean meal.....	5	0	0	0	0	0
Wheat bran.....	29	0	0	0	0	0
Wheat middlings and similar products.....	34	2	0	0	2	2
Wheat red dog.....	6	1	0	0	1	1
Wheat feed (mixed feed).....	16	4	0	0	4	4
Corn gluten feed.....	7	1	0	0	1	1
Hominy feed.....	12	0	0	0	0	0
Miscellaneous corn products.....	3	1	0	0	1	1
Rye products.....	3	0	0	0	0	0
Brewers' and distillers' grains.....	3	0	0	0	0	0
Dried beet pulp.....	4	1	0	1	0	1
Horse feed.....	73	13	0	8	5	13
Dairy feeds.....	158	43	9	3	35	47
Stock feeds.....	46	4	1	2	1	4
Calf feeds and other products.....	22	2	0	0	2	2
Poultry feeds.....	349	35	4	0	32	36
Beef scraps, etc.....	43	10	6	0	4	10
Total.....	836	121	23	15	90	128

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Acme-Evans Co. ....	1	3	0	0	0	100
Allied Mills, Inc. ....	22	66	0	0	1	98
Anchor Mills. ....	1	3	0	0	0	100
Anheuser-Busch, Inc. ....	1	3	0	0	1	67
Arcady Farms Milling Co. ....	10	30	0	0	0	100
Archer-Daniels-Midland Co. ....	2	6	0	0	0	100
Ashcraft-Wilkinson Co. ....	4	12	0	0	0	100
Atkinson Milling Co. ....	2	6	0	0	0	100
Bailey, E. W., & Co. ....	13	39	0	0	7	82
Beacon Milling Co., Inc. ....	24	72	1	0	1	97
Bisbee Linseed Co. ....	1	3	0	0	0	100
Black Rock Milling Corp. ....	5	15	0	0	2	87
Blatchford Calf Meal Co. ....	1	3	0	0	0	100
Bridge's, Amos D. Sons, Inc. ....	1	3	0	0	1	67
Bristol Grain & Supply Co. ....	1	3	0	0	0	100
Brode, F. W., Corp. ....	1	3	0	0	0	100
Broder, L., Grain Store. ....	1	3	0	0	0	100
Buckeye Cotton Oil Co. ....	1	3	0	0	0	100
Buckingham, C., & Co. ....	4	12	0	0	0	100
Buell, C. E., Inc. ....	1	3	0	0	0	100
Burckhalter, C. W., Inc. ....	2	6	0	0	0	100
Campbell, C. W., Co. ....	14	42	0	0	2	95
Canada Linseed Oil Mills, Ltd. ....	1	3	0	0	0	100
Caple, A. B., Co. ....	1	3	0	0	0	100
Clinton Corn Syrup Refining Co. ....	1	3	0	0	0	100
Clyde Renco Milling Corp. ....	1	3	0	0	1	67
Coles Co. ....	7	21	0	2	3	76
Collis Products Co. ....	1	3	0	0	0	100
Commander-Larabee Corp. ....	3	9	0	0	0	100
Conkey, G. E., Co. ....	13	39	0	0	2	95
Conn. Fat Rendering & Fertilizer Corp. ....	1	3	0	0	0	100
Consolidated By-Product Co. ....	1	3	0	0	0	100
Consolidated Feed & Grain Co. ....	1	3	0	0	0	100
Consolidated Products Co. ....	2	6	0	0	0	100
Consolidated Rendering Co. ....	1	3	0	0	1	67
Consumers Food Stores, Inc. ....	6	18	0	0	2	89
Copeland Flour Mills, Ltd. ....	1	3	0	0	0	100
Corn Products Sales Co. ....	2	6	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Continued)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Cowee, E. A., Co. ....	4	12	0	0	1	92
Cowles, C. A., Inc. ....	4	12	0	0	1	92
Cox, Chas. M., Co. ....	3	9	1	0	0	89
Crosby Milling Co. ....	2	6	0	1	0	83
Cutler, P., Inc. ....	6	18	0	0	0	100
Dairymen's League Co-op. Assoc., Inc. ....	1	3	0	0	0	100
Davis, R. G., & Sons, Inc. ....	7	21	0	1	0	95
Decatur Milling Co., Inc. ....	1	3	0	0	0	100
Delaware Mills, Inc. ....	15	45	0	0	4	91
Denver Alfalfa Milling & Products Co. ....	2	6	0	0	0	100
Dewey Bros. Co., The. ....	1	3	0	0	0	100
Dietrich & Gambrell, Inc. ....	8	24	0	0	0	100
Dry Milk Co., Inc., The. ....	1	3	1	0	0	67
Duluth-Superior Milling Co. ....	2	6	0	0	0	100
Eagle Roller Mill Co. ....	1	3	0	0	0	100
Eastern States Farmers' Exchange. ....	19	57	0	0	0	100
Eckhart, B. A., Milling Co. ....	2	6	0	0	0	100
Elmore Milling Co., Inc. ....	13	39	0	1	1	95
Eshleman, John W., & Sons. ....	29	87	0	2	2	95
Evans Milling Co. ....	2	6	0	0	0	100
Excelsior Milling Co. ....	1	3	0	0	1	67
Farmers' Feed Co. ....	1	3	0	0	0	100
Farmers' Wholesale Co. ....	1	3	0	0	0	100
Federal Mill, Inc. ....	2	6	0	0	0	100
Fernando Valley Milling & Supply Co. ....	3	9	0	1	1	78
First National Stores, Inc. ....	2	6	0	0	1	83
Flag Fish Co., Inc. ....	2	6	0	0	1	83
Flory Milling Co., Inc. ....	9	27	0	1	3	85
Forbes, A. W. ....	3	9	0	0	1	89
Forrest, J. A. ....	1	3	0	0	1	67
Frisbie, L. T., Co. ....	3	9	0	0	0	100
Garland, J. B., & Son. ....	4	12	0	0	0	100
General Mills, Inc. ....	5	15	0	0	0	100
Gorton-Pew Fisheries Co., Ltd. ....	1	3	0	0	0	100
Grandin, D. H., Milling Co. ....	14	42	0	0	0	100
Great Atlantic & Pacific Tea Co. ....	3	9	0	0	0	100
Hales & Hunter Co. ....	13	39	0	0	2	95

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTÉED NUTRIENTS  
(Continued)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Ham, Frank B., & Co., Ltd. ....	2	6	0	0	0	100
Hecker-Jones-Jewell Milling Co. ....	3	9	0	0	1	89
Hershey Creamery Co. ....	1	3	0	0	0	100
Hood Mills Co. ....	1	3	0	0	0	100
Humphreys-Godwin Co. ....	2	6	0	0	0	100
Imbs, J. F., Milling Co. ....	1	3	0	0	0	100
Imperial Grain & Milling Co. ....	1	3	0	1	0	67
International Milling Co. ....	4	12	0	0	0	100
International Vegetable Oil Co., Inc. ....	1	3	0	0	0	100
James, Henry, & Son, Inc. ....	1	3	0	0	0	100
Kansas Flour Mills Corp. ....	1	3	0	0	0	100
Kellogg Co. ....	1	3	0	0	0	100
Kelloggs & Miller, Inc. ....	1	3	0	0	0	100
Kellogg, Spencer & Sons, Inc. ....	1	3	0	0	0	100
King, H. H., Flour Mills Co. ....	1	3	0	0	0	100
King Midas Mill Co. ....	1	3	0	0	0	100
Krause Milling Co. ....	1	3	0	0	0	100
Labieniec, A. S. ....	1	3	0	0	0	100
Laden Bros. Co., Inc. ....	4	12	2	0	1	75
Land O'Lakes Creameries, Inc. ....	2	6	0	0	1	83
Larabee Flour Mills Co. ....	2	6	0	0	0	100
Larrowe Milling Co. ....	14	42	0	0	0	100
Libner Grain Co., Inc. ....	7	21	0	0	2	90
Lines, C. W., Co. ....	5	15	0	0	1	93
Litchfield County Co-op. Assoc. ....	3	9	0	0	0	100
Long Hill Feed Store. ....	2	6	0	0	1	83
Lovitt, L. B. & Co. ....	2	6	1	0	0	83
Maine Fish Meal Co. ....	3	9	2	0	0	78
Manchester, E., & Sons. ....	9	27	0	0	0	100
Maple Leaf Milling Co., Ltd. ....	2	6	0	0	0	100
Maritime Milling Co., Inc. ....	18	54	0	1	4	91
Martenis, C. J., Grain Co. ....	1	3	0	0	0	100
Meador Milling Co., Inc. ....	1	3	0	0	0	100
Meech & Stoddard, Inc. ....	10	30	1	0	4	83
Milmine, Bodman & Co., Inc. ....	1	3	0	1	0	67
Miner-Hillard Milling Co. ....	4	12	0	0	0	100
Monti-Van Iderstine, Inc. ....	1	3	0	0	0	100

TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Continued)

Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Moon, Geo. Q., & Co., Inc.	12	36	1	0	4	86
Morse, Fred C., & Son	10	30	0	0	1	97
Morse, Jas. F., & Co.	1	3	0	0	0	100
Moseley & Motley Milling Co.	2	6	0	0	0	100
Mt. Vernon Milling Co.	1	3	0	0	0	100
National Milling Co., The	1	3	0	0	0	100
Niagara Falls Milling Co.	2	6	0	0	0	100
Northwestern Consolidated Milling Co.	2	6	0	0	0	100
Norwalk Grain Co.	1	3	0	0	1	67
Nowak Milling Corp.	8	24	0	0	0	100
Omaha Flour Mills Co.	1	3	0	0	0	100
Ontario Milling Co., Inc.	15	45	1	0	1	96
Osborn, S. V., Estate	3	9	0	0	0	100
Park & Pollard Co., Inc., The	29	87	0	0	3	97
Patent Cereals Co., The	1	3	0	0	0	100
Pecos Valley Alfalfa Mill Co.	3	9	0	0	0	100
Penick & Ford, Ltd., Inc.	2	6	0	0	1	83
Perkins Oil Co., Inc.	1	3	1	1	1	0
Pillsbury Flour Mills Co.	6	18	0	0	0	100
Pittsburgh Plate Glass Co.	2	6	0	0	0	100
Platt, Frank S., Co., The	2	6	0	0	0	100
Postum Co., Inc.	1	3	0	0	0	100
Pratt Food Co., Inc.	11	33	0	0	0	100
Priddy, Chas. W., & Co., Inc.	1	3	0	0	0	100
Puffer, H. C., Co.	3	9	0	0	0	100
Quaker Oats Co., The	23	69	1	0	2	96
Ralston Purina Co.	34	102	0	0	0	100
Reardon, John, & Sons Co.	3	9	1	0	1	78
Rockville Milling Co.	1	3	0	0	0	100
Russell-Miller Milling Co.	2	6	0	0	0	100
Seymour Grain & Coal Co.	8	24	0	0	0	100
Shaffer, J. C., Grain Co.	1	3	0	0	0	100
Shelton Feed Co., Inc.	1	3	0	0	0	100
Sherwin Williams Co.	1	3	0	0	0	100
Sovitsky, Ike	5	15	0	0	0	100
Soya Products, Inc.	1	3	0	0	0	100
Sparks Milling Co.	1	3	0	0	0	100



TABLE 1b. SUMMARY OF DEFICIENCIES IN GUARANTEED NUTRIENTS  
(Concluded)

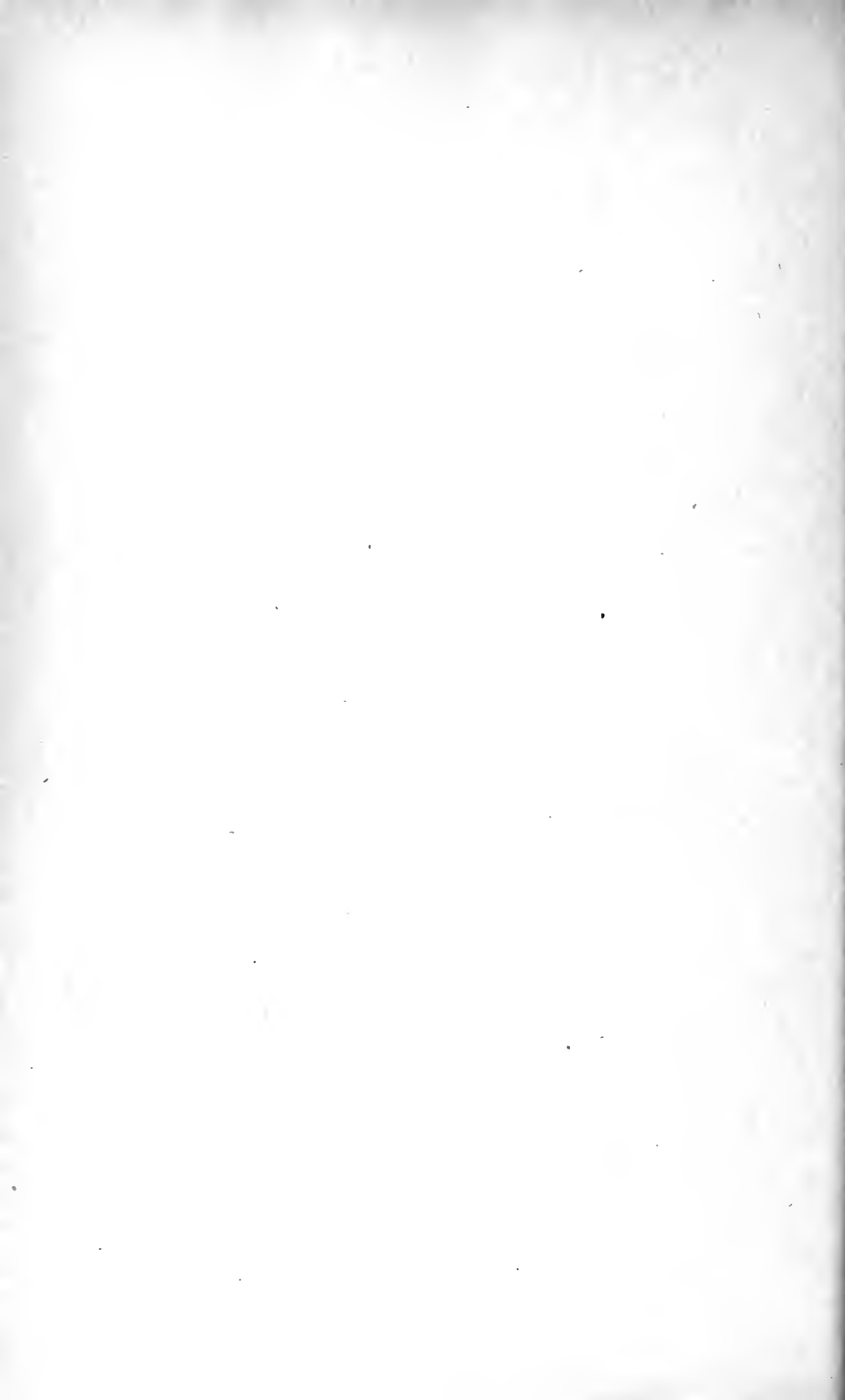
Manufacturer or Jobber	Samples	Guaranties	Deficiencies			Percentage of guaranties met
			Protein	Fiber	Fat	
Springfield Rendering Co. . . . .	3	9	0	0	0	100
Staley, A. E. Manufacturing Co. . . . .	2	6	0	0	0	100
Stanley, John T., Co., Inc. . . . .	1	3	0	0	0	100
Stickell, D. A., & Sons, Inc. . . . .	13	39	0	0	1	97
St. Albans Grain Co. . . . .	44	132	4	0	4	94
Struven, Chas. M., Co. . . . .	1	3	0	0	0	100
Swift & Co. . . . .	2	6	0	0	0	100
Syracuse Milling Co. . . . .	15	45	0	0	0	100
Thomaston Supply Co., Inc. . . . .	4	12	1	0	1	83
Tioga-Empire Feed Mills, Inc. . . . .	17	51	0	0	0	100
Trinley, Jacob, & Sons. . . . .	6	18	0	0	0	100
Union Starch & Refining Co. . . . .	1	3	0	0	0	100
United Co-op. Farmers', Inc. . . . .	2	6	0	0	0	100
United Mills Co., Inc. . . . .	1	3	0	0	0	100
Upper Hudson Rye Flour Mills, Inc. . . . .	1	3	0	0	0	100
Van Iderstine Co. . . . .	1	3	0	0	0	100
Van Vechten Milling Co., Inc. . . . .	1	3	0	0	0	100
Victor Flour Mills, Inc. . . . .	1	3	0	0	0	100
Ward Dry Milk Co. . . . .	1	3	0	0	0	100
Watertown Co-op. Assoc. . . . .	1	3	0	0	0	100
Wayne County Grangers Feed Corp. . . . .	5	15	0	0	1	93
Wertz, F. S., & Son. . . . .	6	18	1	1	2	78
West-Nesbitt, Inc. . . . .	6	18	0	0	1	94
Wolf's Feed Store. . . . .	3	9	1	0	0	89
Worcester Rendering Co. . . . .	3	9	2	0	0	78
Yantic Grain & Products Co., The. . . . .	30	90	0	1	6	92
Totals. . . . .	836	2508	23	15	90	95

## MISCELLANEOUS

Seventy-two samples of feeds and fodder materials were analyzed for purchasers and others interested.

Twelve samples were examined for poisons. All were poultry feeds. The typical complaint about feed suspected of containing injurious ingredients is that coincident with a change of brand of feed or with the feeding of a new lot of the same brand mortality of chicks was experienced. It is always difficult, and usually impossible, to give any explanation or suggest any probable cause of such mortality. We advise first that the experts in the department of animal diseases at the Storrs station be consulted in order to discover evidence of disease. Our own procedure includes macroscopic and microscopic examination of the feed; the systematic examination for the usual poisons if circumstances are suspicious or otherwise appear to warrant such analysis; and sometimes feeding tests are made with the suspected feed in comparison with the feed that has given no trouble. The losses sustained by poultrymen are frequently of a serious nature but the causes are generally so obscure that the most careful search fails to give any basis for a satisfactory or convincing explanation.





# INDEX

Page

Acme-Evans Co., Indianapolis, Ind.	
Acme Bran with Screenings .....	523
Acme Hominy Feed .....	523
Acme Middlings with Screenings .....	523, 555
Allied Mills, Inc., Chicago, Ill.	
Amco 20% Dairy Ration .....	523, 571
Amco 24% Dairy Ration .....	523, 571
Amco 20% National Dairy Ration .....	523, 571
Amco 16½% Sucrene Dairy Ration .....	523, 571
Amco 32% Supplement Dairy Ration .....	523
Amco 12% Fitting Ration .....	523
Arab Horse Feed .....	523
Emergency Hog Feed .....	523, 591
Empire Dairy Feed .....	523
June Pasture .....	523, 564
Pure Corn and Oats Provender .....	523, 564
Red Feather Egg Mash .....	523, 593
Red Feather Egg Mash with Cod Liver Oil .....	523
Red Feather Scratch Feed .....	523, 593
Screened Cracked Corn .....	523, 593
Wayne All Mash Chick Starter .....	523, 593
Wayne All Mash Chick Starter with Cod Liver Oil .....	523
Wayne All Mash Grower .....	523, 593
Wayne All Mash Grower with Cod Liver Oil .....	523, 593
Wayne Broiler Ration .....	523
Wayne Calf Meal .....	523, 591
Wayne Chick Feed .....	524
Wayne Egg Mash .....	524, 593
Wayne Egg Mash with Cod Liver Oil .....	524, 593
Wayne Intermediate Scratch Feed .....	524, 593
Wayne Pig Meal .....	524
Wayne Poultry Fattener .....	524, 593
Wayne Scratch Feed .....	524, 593
Wayne Special Scratch Feed .....	524, 593
Wayne Starter and Grower .....	524
Wayne 20% Supreme Dairy Feed .....	524
Wayne Supreme Horse Feed .....	524, 564
Wayne Turkey Mash .....	524, 593
American Maize-Products Co., 100 E. 42nd St., New York City.	
Cream of Corn Gluten Feed .....	524
Analyses, explanation of terms used in .....	514
Analyses of official samples .....	550
Anchor Mills, Hagerstown, Md.	
Zip Egg Mash .....	524, 594
Anheuser-Busch, Inc., St. Louis, Mo.	
Anheuser-Busch Brand Corn Oil Cake Meal .....	524, 562
Arcady Farms Milling Co., 223 W. Jackson Blvd., Chicago, Ill.	
Advanced Registry Dairy Feed .....	524, 571
Arcady Besbet Growing Mash .....	524, 594
Arcady Besbet Laying Mash .....	524, 594
Arcady Besbet Starting Mash .....	524
Arcady Developing Grains .....	524, 594
Arcady Scratch Grains .....	524, 594

	Page
Milkers Ready Ration .....	524, 571
Old Colony Feed .....	524
Peerless Milk Ration .....	524
Producer 20% Ready Ration .....	524, 571
Sweet 16 Dairy Feed .....	524
Wonder Complete Broiler Ration .....	524, 594
Wonder Horse and Mule Feed .....	524, 594
Wonder Starting Mash .....	524, 595
Archer-Daniels-Midland Co., Minneapolis, Minn.	
Midland 30% Protein Animal Food .....	524
Pure Old Process Linseed Meal 34% .....	524
Pure Old Process Linseed Meal 37% .....	524, 551
Soy Bean Oil Meal .....	524, 552
Ashcraft-Wilkinson Co., Atlanta, Ga.	
Helmet Brand—Prime Cottonseed Meal .....	524, 550
Monarch Brand—Prime Cottonseed Meal .....	524, 550
Paramount Brand—Prime Cottonseed Meal .....	524, 550
Atkinson Milling Co., Minneapolis, Minn.	
Atkinson's Wheat Bran .....	524, 552
Atkinson's Wheat Standard Middlings .....	524, 555
E. W. Bailey & Co., Montpelier, Vt.	
Bailey's 16% Dairy Ration .....	524
Bailey's Open Formula 20% Dairy Feed .....	524
Bailey's Open Formula 24% Dairy Feed .....	524
Bailey's Fitting Ration .....	524
Capital Dairy Ration .....	525, 571
Capital Mixed Feed .....	525, 559
Favorite Dairy Ration .....	525
Our 20% Special Ration .....	525, 571
Pennant Brand Chick Starter .....	525, 595
Pennant Brand Coarse Chick Feed .....	525
Pennant Brand Fine Chick Feed .....	525
Pennant Brand Growing Feed .....	525, 595
Pennant Horse Feed .....	525, 594
Pennant Brand Laying Mash .....	525, 595
Pennant Scratch Feed .....	525, 595
Pennant Brand Stock Feed .....	525, 586
Sweetened Bailey's 16% Dairy Ration .....	525
Sweetened Bailey's Fitting Ration .....	525, 586
Sweetened Capital Dairy Ration .....	525, 571
Sweetened Favorite Dairy Ration .....	525, 571
Sweetened with Molasses Pennant Brand Stock Feed .....	525, 587
Beacon Milling Co., Inc., Cayuga, N. Y.	
Auburn Dairy Feed .....	525, 571
Beacon Breeders Mash with Buttermilk .....	525, 595
Beacon Calf Meal .....	525, 591
Beacon Broiler Feed .....	525, 595
Beacon's Cayuga Developer Feed .....	525, 595
Beacon's Cayuga Growing Mash .....	525, 595
Beacon's Cayuga Horse Feed .....	525, 594
Beacon's Cayuga Laying Mash with Buttermilk .....	525, 595
Beacon's Cayuga Scratch Feed .....	525, 595
Beacon Chick Feed .....	525, 595
Beacon Complete Starting Ration .....	525, 595
Beacon Dairy Ration .....	525, 572
Beacon Developer Feed .....	525
Beacon Duck Breeders' Mash .....	525, 596

Beacon Duck Starter .....	525
Beacon Egg Mash with Buttermilk .....	525, 596
Beacon Growing Mash .....	525, 596
Beacon Hog Feed .....	525, 591
Beacon Horse Feed .....	525
Beacon Scratch Grains .....	525, 596
Beacon Special Coccidiosis Mash .....	525, 596
Beacon Special Scratch Grains .....	525, 596
Beacon Sweet "20" .....	525, 572
Beacon Sweet "24" .....	525, 572
Beacon Turkey Growing Feed .....	525, 597
Beacon "20" .....	525, 572
Cayuga Stock Feed .....	525, 587
Corn and Oat Chop .....	525
Bisbee Linseed Co., 1532 Bankers Trust Bldg., Philadelphia, Pa.	
Bisbee Brand Pure Old Process Linseed Meal 32% .....	525
Bisbee Brand Pure Old Process Linseed Meal 34% .....	525, 551
Black Rock Milling Corp., Buffalo, N. Y.	
Bidwell 20% Dairy Ration .....	525, 572
Bidwell 24% Dairy Ration .....	525, 572
Bidwell Dry-Mash .....	525, 597
Bidwell Scratch Feed .....	525, 597
Paramount 20% Dairy Ration .....	525, 572
Blatchford Calf Meal Co., Waukegan, Ill.	
Blatchford's Calf Meal .....	526, 591
The Borden Sales Co., Inc., 350 Madison Ave., New York City.	
Borden's Anilac .....	526
Amos D. Bridge's Sons, Inc., Hazardville, Conn.	
Success Dairy Ration .....	526, 573
Bristol Grain & Supply Co., Bristol, Conn.	
Bristol Laying Mash .....	526, 597
F. W. Brode Corp., Memphis, Tenn.	
Owl Brand 41% Prime Cottonseed Meal .....	526, 550
L. Broder Grain Store, Colchester, Conn.	
L. B. Milk Ration .....	526, 573
Buckeye Cotton Oil Co., Cincinnati, Ohio.	
Buckeye Prime 41% Cottonseed Meal .....	526
Soy Bean Oil Meal .....	526, 552
C. Buckingham & Co., Southport, Conn.	
C. B. Dairy .....	526, 573
C. B. Egg Mash .....	526, 597
C. B. Growing Mash .....	526, 597
C. B. Scratch Feed .....	526, 597
C. B. Starter .....	526
C. E. Buell, Inc., 6 Beacon St., Boston, Mass.	
"Buell-Boston" Dried Skim Milk .....	526, 630
C. W. Burckhalter, Inc., 119 Broad St., New York City.	
Burck Brand Dried Buttermilk .....	526, 630
Burck Brand Powdered Skim Milk .....	526, 630
Caledonia Mills, Inc., St. Johnsbury, Vt.	
Brooks' Fancy Mixed Feed .....	526
C. W. Campbell Co., Westerly, R. I.	
Camco Horse Feed .....	526, 564
Campbell Fitting Ration .....	526, 587
Egg-O Chick Feed .....	526, 597

	Page
Egg-O Chick Starter .....	526, 597
Egg-O Growing .....	526, 597
Egg-O Intermediate .....	526, 597
Egg-O Mash .....	526, 597
Egg-O Scratch .....	526, 597
Egg-O Turkey Grower .....	526, 597
Milky Ration .....	526, 573
No-Botheration Dairy .....	526, 573
Xtra Vim Molasses Horse Feed .....	526, 564
The Canada Linseed Oil Mills, Ltd., Montreal, Canada.	
"Maple Leaf" Oilcake Meal .....	526, 551
A. B. Caple Co., Toledo, Ohio.	
Alfalfa Meal .....	526, 565
Chapin & Co., Hammond, Ind.	
Unicorn Dairy Ration 24% .....	527
Clinton Corn Syrup Refining Co., Clinton, Iowa.	
Clinton Corn Gluten Feed .....	527, 561
Clyde Renco Milling Corp., Clyde, N. Y.	
Renco Scratch Feed .....	527, 597
Coles Co., Middletown, Conn.	
Capital 20% Molasses Dairy Feed .....	527, 573
Fortune Chick Starter .....	527, 598
Fortune Egg Mash with Dried Buttermilk .....	527, 598
Fortune Growing Feed .....	527, 598
Fortune Intermediate Scratch .....	527, 598
Fortune Scratch Feed .....	527, 598
Selco 24% Molasses Dairy Feed .....	527, 573
Collis Products Co., St. Paul, Minn.	
Collis Process Dried Buttermilk .....	527, 631
Commander-Larabee Corp., Minneapolis, Minn.	
Sunfed Red Dog Pure Wheat Product .....	527, 558
Sunfed Wheat Bran .....	527, 552
Sunfed Wheat Standard Middlings .....	527, 555
The G. E. Conkey Co., Cleveland, Ohio.	
Conkey's All Grain Horse and Mule Feed (With Linseed Meal, Molasses and Salt) .....	527, 565
Conkey's All Mash Chick Ration with Y-O .....	527, 598
Conkey's Chick Grains .....	527
Conkey's Dairy Feed 24% Protein .....	527
Conkey's Gecco Chick Grains .....	527, 598
Conkey's Gecco Dairy Feed 20% Protein .....	527, 573
Conkey's Gecco Egg Mash .....	527
Conkey's Gecco Egg Mash with Y-O .....	527, 599
Conkey's Gecco Growing Grains .....	527
Conkey's Gecco Growing Mash .....	527, 599
Conkey's Gecco Growing Mash with Buttermilk and Y-O ..	527, 599
Conkey's Gecco Scratch Grains .....	527, 599
Conkey's Geccofat Station Fattener .....	527, 599
Conkey's Geccofat Station Fattener with Buttermilk .....	527
Conkey's Growing Grains .....	527, 599
Conkey's Red Seal Laying Mash with Y-O .....	527, 599
Conkey's Scratch Grains .....	527
Conkey's (The Original) Starting Feed with Buttermilk and Y-O .....	527, 599
Superior Scratch Grains .....	527
Conn. Fat Rendering & Fertilizer Corp., West Haven, Conn.	
Conn. Fat Rendering & Fertilizer Corp. Meat Scrap .....	527, 631



Consolidated By-Product Co., 36th St. and Grays Ferry Ave., Philadelphia, Pa.	
Consolidated Beef and Bone Scrap .....	527
Consolidated Bone Meal .....	527, 631
Consolidated Feed & Grain Co., Inc., 910-916 Chamber of Commerce Bldg., Buffalo, N. Y.	
Bison Dried Skimmilk .....	527, 631
Consolidated Products Co., Danville, Ill.	
Dried Buttermilk .....	528, 631
Dried Skimmilk .....	528, 631
Consolidated Rendering Co., Boston, Mass.	
Corenco Bone Meal, An All Animal Feed for Cattle, Hogs, and Poultry .....	528, 631
Consumers Food Stores, Inc., 476-478 Water St., Bridgeport, Conn.	
Gold Bond Egg Mash .....	528, 599
Gold Bond 16% Dairy Feed .....	528, 573
Gold Bond 20% Dairy Feed .....	528, 573
Gold Bond Growing Mash .....	528, 599
Gold Bond Horse Feed .....	528, 565
Gold Bond Intermediate Chick Feed .....	528, 600
Copeland Flour Mills, Ltd., Midland, Ontario, Canada.	
Copeland's Dandy Bran .....	528, 553
Copeland's Dandy Shorts .....	528
Corn Products Sales Co., 17 Battery Place, New York City.	
Buffalo Corn Gluten Feed .....	528, 561
Diamond Corn Gluten Meal .....	528, 561
E. A. Cowee Co., Fitchburg, Mass.	
Coweco Laying Mash .....	528, 600
Coweco Growing Mash .....	528, 600
Coweco Scratch Feed .....	528, 600
Coweco 20% Ration .....	528, 573
The C. A. Cowles, Inc., Plantsville, Conn.	
C. A. Blue Seal Mash .....	528, 600
C. A. Cowles 20% Dairy Ration .....	528, 573
Cowles 24% Dairy Ration .....	528, 573
Cowles Scratch Feed .....	528, 600
Chas. M. Cox Co., Boston, Mass.	
Lake Woods Shorts .....	528, 555
Lake Woods Wheat Bran .....	528
Pioneer Wheat Bran .....	528, 553
Pioneer Wheat Shorts .....	528
Sherwin Williams Screwpress Linseed Oil Cake Meal .....	528, 551
Crosby Milling Co., Brattleboro, Vt.	
Crosby's Scratch Feed .....	528, 600
Crosby's Stock Feed .....	528, 587
P. Cutler, Inc., Colchester, Conn.	
Prosperity Dairy Ration .....	528, 573
Prosperity Economy Dairy Ration .....	528, 573
Prosperity Laying Mash .....	528, 600
Prosperity Scratch Feed .....	528, 601
Prosperity Special Dairy Feed .....	528, 574
Prosperity Stock Feed .....	528, 587
Dairymen's League Co-Operative Assoc., Inc., 11 West 42nd St., New York City.	
Dairylea Dried Skim Milk .....	528, 631

	Page
R. G. Davis & Sons, Inc., New Haven, Conn.	
Basic Dairy Ration .....	529, 574
Davis Buttermilk Mash .....	529, 601
Davis Horse Feed .....	529, 565
Davis No. 1 Provender .....	529, 565
Davis Scratch Feed .....	529, 601
Davis Stock Feed .....	529, 587
20% Open Formula .....	529, 574
Decatur Milling Co., Inc., Decatur, Ill.	
Homco Brand Hominy Feed .....	529, 561
Delaware Mills, Inc., Deposit, N. Y.	
Brooklawn Special Scratch Feed .....	529, 601
Delaware Chick Starting Mash (with Dried Buttermilk) ..	529, 601
Delaware Chick Grains .....	529, 601
Delaware Dairy Feed .....	529, 574
Delaware Growing Mash (with Dried Skim Milk) .....	529, 601
Delaware Heavy Mixed Feed .....	529, 559
Delaware 85% Horse Feed .....	529, 565
Delaware Intermediate Chick Grains .....	529, 601
Delaware Sweet 24% Dairy Feed .....	529, 574
Delaware White Stock Feed .....	529, 587
Delco 20% Dairy Feed .....	529, 574
Delco Sweet 20% Dairy Feed .....	529, 574
Double Circle Scratch Grains .....	529, 601
Ground Corn and Oats .....	529, 565
Indian Laying Mash (with Dried Skim Milk) .....	529, 601
The Denver Alfalfa Milling & Products Co., Lamar, Colo.	
Alfalfa Leaf Meal .....	529, 565
Alfalfa Meal .....	529, 565
The Dewey Bros. Co., Blanchester, Ohio.	
Corn Distillers Dried Grains .....	529, 563
Dietrich & Gambrill, Inc., Frederick, Md.	
D. & G. Dairy Feed .....	529, 574
Frederick Growing Mash .....	529, 601
Frederick Laying Mash .....	529, 529
Frederick Stock Feed .....	529, 587
Gambrill's Chick Starter .....	529, 601
Gambrill's Growing Mash .....	529, 529
Gambrill's Horse Feed .....	529, 529
Gambrill's Laying Mash .....	529, 602
Gambrill's Scratch Feed .....	529, 602
Gambrill's Stock Feed .....	529, 529
Pen Mar Dairy Feed .....	529, 575
Pen Mar Horse Feed .....	529, 565
The Dry Milk Co., Inc., 205 E. 42nd St., New York City.	
Chikora .....	529, 631
Duluth-Superior Milling Co., Minneapolis, Minn.	
Duluth Imperial Wheat Bran .....	529, 553
Wheat Standard Middlings .....	529, 555
Eagle Roller Mill Co., New Ulm, Minn.	
Eagle Pure Wheat Bran .....	529, 529
Eagle Wheat Standard Middlings .....	529, 555
Eastern Grain Co., Bridgewater, Mass.	
Pure Dried Skim Milk Powder .....	530

Eastern States Farmers' Exchange, Springfield, Mass.	
Eastern States Developer Mash .....	530, 602
Eastern States Developer Mash with Cod Liver Oil .....	530, 602
Eastern States Egg Mash .....	530, 602
Eastern States Fitting Ration .....	530, 587
Eastern States Fulpail Dairy Ration .....	530, 575
Eastern States Highland 12 .....	530, 505
Eastern States Highland 20 .....	530, 575
Eastern States Horse and Calf Ration .....	530, 505
Eastern States Intermediate Scratch Grains .....	530, 603
Eastern States Milkmore Dairy Ration .....	530, 575
Eastern States Producer Mash .....	530, 603
Eastern States Producer Mash with Cod Liver Oil .....	530, 603
Eastern States Pure Ground Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$ .....	530, 565
Eastern States Scratch Grains with Coarse Cracked Corn .....	530, 603
Eastern States Sixteen .....	530, 575
Eastern States Starting and Broiler Ration with Cod Liver Oil .....	530, 603
Eastern States Turkey Fat .....	530, 603
Eastern States Turkey Grow .....	530, 603
Eastern States Turkey Start .....	530, 603
B. A. Eckhart Milling Co., 1300 Carroll Ave., Chicago, Ill.	
Pure Wheat Bran .....	530, 553
Standard Wheat Middlings .....	530, 555
S. T. Edwards & Co., Inc., 110 North Franklin St., Chicago, Ill.	
Butterfly Dried Skimmed Milk for Animal or Poultry Feed ..	530
Yankee Dried Buttermilk for Animal or Poultry Feed .....	530
Elmore Milling Co., Inc., Oneonta, N. Y.	
Economilk Dairy Feed .....	530
Elmore Chixsaver .....	530
Elmore Complete Broiler Ration .....	530
Elmore Complete Starting and Growing Ration .....	530
Elmore's Economilk 24% Dairy Feed .....	530, 575
Elmore Eggmaker .....	530, 603
Elmore Egg Mash .....	530, 603
Elmore Growing Mash .....	530, 603
Elmore Horse Feed with Molasses .....	530, 566
Elmore Intermediate Chick Feed .....	530, 604
Elmore Milk Grains .....	530, 604
Elmore Milk Grains Junior .....	530
Elmore Scratch Feed .....	530, 604
Elmore Stock Feed .....	530
Elmore's Sugared Feedall .....	530, 587
Elmore's Super-Silage .....	530
Elmore 32% Supplemental Ration .....	530
Elmore's Sweet Digesto Dairy Feed .....	530, 575
Elmore "Three Point" Calf Meal .....	530, 591
Elmore's "Xtragood" Wheat Feed with Ground Screenings ..	530
Granger Ration .....	530
Otsego Economy Ration .....	530, 575
R-Own Egg Mash .....	530
R-Own Dairy Ration .....	530, 575
John W. Eshelman & Sons, 244 North Queen St., Lancaster, Pa.	
Dried Beet Pulp .....	531
Eshelman Certified 20% Dairy Ration .....	531, 575
Eshelman Certified 24% Dairy Ration .....	531
Eshelman Certified Fitting Ration .....	531, 587

	Page
Eshelman Certified Laying Mash .....	531
Eshelman Challenge Dairy Feed .....	531, 575
Eshelman Choice Mixed Wheat Feed .....	531
Eshelman Conestoga 20 Dairy Feed .....	531, 575
Eshelman Garden Spot Horse Feed .....	531, 566
Eshelman Golden Rod 25 Dairy Feed .....	531, 576
Eshelman Lancaster 20 Dairy Feed .....	531, 576
Eshelman Lancaster 60 Horse Feed .....	531
Eshelman Lancaster Scratch Grains .....	531, 604
Eshelman Liberty Horse Feed .....	531, 566
Eshelman Open Formula 20 Dairy Feed .....	531, 576
Eshelman Pennsy Chick Grains .....	531, 604
Eshelman Pennsy 16 Dairy Feed .....	531
Eshelman Pennsy Laying Mash .....	531, 604
Eshelman Pennsy Scratch Grains .....	531, 605
Eshelman Red Rose All Mash Starter .....	531, 605
Eshelman Red Rose Calf Starter .....	531, 591
Eshelman Red Rose Chick Grains .....	531, 605
Eshelman Red Rose Chick Starter .....	531, 605
Eshelman Red Rose 24 Dairy Feed .....	531, 576
Eshelman Red Rose Fattening Mash .....	531, 605
Eshelman Red Rose Growing Mash .....	531, 605
Eshelman Red Rose Growing Mash with Cod Liver Oil ..	531, 605
Eshelman Red Rose 85 Horse Feed .....	531, 566
Eshelman Red Rose Hog Meal .....	531, 591
Eshelman Red Rose Laying Mash .....	531, 605
Eshelman Red Rose Pure Ground Corn and Oats .....	531, 566
Eshelman Red Rose Scratch Grains .....	531, 605
Eshelman Red Rose Stock Feed .....	531, 587
Eshelman Red Rose Wheat Flour Middlings .....	531
Eshelman S-O-S .....	531, 587
Eshelman Steamed-Cooked Horse Feed .....	531, 566
Eshelman Wheat Red Dog .....	531
Evans Milling Co., Indianapolis, Ind.	
Emco Hominy Feed .....	531, 561
Emco Soybean Cake Meal .....	531, 552
Excelsior Milling Co., Minneapolis, Minn.	
Pure Camel Fancy Wheat Feed .....	531, 559
Fairmont Creamery Co., Omaha, Neb.	
Fairmont's Better Pure Flake Buttermilk .....	531
Farmers Feed Co., 532 E. 76th St., New York City.	
"Bull Brand" Dried Brewers Grains .....	531, 563
Farmers Wholesale Co., Minneapolis, Minn.	
Farmer Boy Wheat Bran .....	531, 553
Federal Mill, Inc., Lockport, N. Y.	
Lucky Hard Wheat Bran .....	531, 553
Lucky Hard Wheat Middlings .....	531, 555
Feed Law, the .....	513
Feeding Stuffs, definitions of .....	515
inspection of .....	549
Fernando Valley Milling & Supply Co., 336 I. W. Hellman Building, Los Angeles, Calif.	
Fernando Alfalfa Meal, Fine Ground .....	532, 605
Fernando Alfalfa Stem Meal .....	532, 567
Ideal Greens, Sun-Cured .....	532, 605

	Page
First National Stores, Inc., Somerville, Mass.	
Henfield Egg Mash .....	532, 606
Henfield Scratch Grains .....	532, 606
Flag Fish Co., Inc., 108 South St., New York City.	
Flag Fish Meal .....	532, 631
Flory Milling Co., Inc., Bangor, Pa.	
Flory's All Mash Starting and Growing Ration .....	532, 606
Flory's Baby Chick Feed .....	532, 606
Flory's Certified Fitting Ration .....	532
Flory's Dairy Feed .....	532, 576
Flory's Egg Mash .....	532
Flory's Horse Feed .....	532, 567
Flory's Scratch Feed .....	532
Flory's Steamed Cooked Horse Feed .....	532, 567
Flory's Stock Feed .....	532
Golden Egg "All-Mash" Growing Ration .....	532
Golden Egg Laying Mash .....	532, 606
Golden Egg Scratch Feed .....	532, 606
Ground Corn and Oats .....	532
National Dairy Feed .....	532
Record Dairy Feed .....	532, 576
Record Horse Feed .....	532, 567
Sunray Laying Mash .....	532
A. W. Forbes, East Haven, Conn.	
R-Own Dairy Ration .....	532, 577
R-Own Laying Mash .....	532, 606
R-Own Scratch Feed .....	532, 607
J. A. Forrest, 819 Security Building, Minneapolis, Minn.	
Alpine Ground Feeding Oatmeal .....	532, 567
Fort Schuyler Farms, Inc., 49 Franklin Square, Utica, N. Y.	
Powdered Skim Milk .....	532
L. T. Frisbie Co., New Haven, Conn.	
Frisbie's Poultry Feed 45% .....	532, 631
Frisbie's Poultry Feed 50% .....	532, 631
Frisbie's Poultry Feed 55% .....	532, 632
J. B. Garland & Son, Worcester, Mass.	
Garland's Growing Mash .....	532, 607
Garland's Poultry Mash .....	532, 607
Royal Worcester Complete Ration .....	532, 577
Royal Worcester Scratch Feed .....	532, 607
General Mills, Inc., Minneapolis, Minn.	
Eventually Gold Medal Chick Feed—No Grit .....	532
Eventually Gold Medal Chick Ration .....	532
Eventually Gold Medal Dairy Ration .....	532, 577
Eventually Gold Medal Developing Feed—No Grit .....	532
Eventually Gold Medal Egg Mash for Breeding and Laying with Dried Buttermilk .....	533
Eventually Gold Medal Growing Mash—With Dried Butter- milk .....	533
Eventually Gold Medal Scratch Feed—No Grit .....	533
Washburn's Gold Medal Fancy Mixed Feed .....	533, 559
Washburn's Gold Medal Hard Wheat Bran and Wheat Screenings .....	533, 553
Washburn's Gold Medal Hard Wheat Flour Middlings and Wheat Screenings .....	533

	Page
Washburn's Gold Medal Hard Wheat Standard Middlings and Wheat Screenings .....	533, 555
Washburn's Gold Medal Pure Hard Wheat Adrian Red Dog	533, 559
Gilster Milling Co., Chester, Ill.	
Gilster's Bran .....	533
Gorton-Pew Fisheries Co., Ltd., Gloucester, Mass.	
Gorton's Codfish Meal .....	533, 632
D. H. Grandin Milling Co., Jamestown, N. Y.	
Grandin's Baby Chick Feed .....	533
Grandin's Baby Chick Starter with Buttermilk-Cod Liver Oil	533, 607
Grandin's Broiler Mash with Buttermilk-Cod Liver Oil ...	533, 607
Grandin's Complete Starting Ration with Buttermilk-Cod Liver Oil .....	533, 607
Grandin's Growing Mash with Buttermilk .....	533, 607
Grandin's Growing Mash with Buttermilk-Cod Liver Oil ..	533, 607
Grandin's Intermediate Chick Feed .....	533, 607
Grandin's Laying Mash with Buttermilk .....	533, 607
Grandin's Laying Mash with Buttermilk-Cod Liver Oil ...	533
Grandin's Milk Maker .....	533, 577
Grandin's Screened Scratch Feed .....	533, 608
Grandin's Stock Food .....	533, 587
Grandin's Sweetened 20% Dairy Feed .....	533, 577
Grandin's Sweetened 24% Dairy Feed .....	533
Grandin's Sweetened Horse Feed .....	533, 567
Grandin's Turkey Starter with Buttermilk-Cod Liver Oil-A Complete Ration .....	533, 608
M-S (Money Saver) 20% Sweet Dairy Feed .....	533, 577
M-S (Money Saver) 24% Sweet Dairy Feed .....	533
Great Atlantic & Pacific Tea Co., New York City.	
Daily Egg Mash Feed .....	533, 608
Daily Egg Scratch Feed .....	533, 608
Daily Growth Chick Starter .....	533, 608
Daily Growth Fine Chick Feed .....	533
Daily Growth Growing Mash .....	533
Hales & Hunter Co., 166 West Jackson Blvd., Chicago, Ill.	
College Horse Feed .....	533, 567
H & H Quality Steel Cut Wheat .....	533, 587
H & H White Stock Feed .....	533, 588
Kingialfa Horse Feed .....	533
Morning Glory Chick Starter with Dried Buttermilk .....	533
Morning Glory Egg Mash with Dried Buttermilk .....	533, 609
Red Comb Chick Battery Mash with Dried Buttermilk ...	533
Red Comb Chick Starter with Dried Buttermilk .....	533, 609
Red Comb Coarse Chick .....	533, 609
Red Comb Crate Fattener with Rolled Oats .....	533, 609
Red Comb Egg Mash with Dried Buttermilk .....	533, 609
Red Comb Fine Chick .....	534, 609
Red Comb Growing Mash with Dried Buttermilk .....	534, 609
Red Comb Scratch Feed .....	534, 609
Red Horn Calf Meal .....	534, 591
Red Horn 20% Dairy Feed .....	534, 577
Frank B. Ham & Co., Ltd., Toronto, Ontario, Canada.	
Hamco Brand Wheat Bran .....	534, 553
Hamco Brand Wheat Shorts .....	534, 556
William Hamilton & Son, Inc., Caledonia, Livingston County, N. Y.	
Wheat Bran .....	534, 553
Wheat Middlings .....	534, 556

	Page
Hecker-H-O Co., Inc., Buffalo, N. Y.	
Oat Mill Feed .....	534
Hecker-Jones-Jewell Milling Co., 503 Seneca St., Buffalo, N. Y.	
Choice Wheat Bran .....	534, 553
Red Dog Pure Hard Wheat .....	534, 559
Wheat Standard Middlings .....	534, 556
Hershey Creamery Co., 7401 S. Cameron St., Harrisburg, Pa.	
"Chick-O-Lac" .....	534
"Hershey's Superior Powdered Skim Milk" .....	534, 632
Hobson & Clofine, 416 Bulletin Building, Philadelphia, Pa.	
H and C Brand Dried Buttermilk .....	534
H and C Brand Dried Skim Milk .....	534
Hood Mills Co., Baltimore, Md.	
Red Dog Brand Flour Middlings .....	534, 556
Humphreys-Godwin Co., Memphis, Tenn.	
Bull Brand Cottonseed Meal .....	534, 550
Danish Brand Cottonseed Meal .....	534
Dixie Brand Cottonseed Meal .....	534, 550
J. F. Imbs Milling Co., Belleville, Ill.	
Charm Pure Winter Wheat Bran .....	534, 553
Imperial Grain & Milling Co., Toledo, Ohio.	
Imperial Steam Cooked Feed .....	534, 567
International Milling Co., Minneapolis, Minn.	
Blackhawk Pure Wheat Bran .....	534, 553
Blackhawk Wheat Flour Middlings .....	534, 556
Blackhawk Wheat Red Dog .....	534, 559
Blackhawk Wheat Standard Middlings .....	534, 556
International Vegetable Oil Co., Inc., Savannah, Ga.	
High Grade Cottonseed Meal .....	534, 550
Henry James & Son, Inc., 20 Stockbridge St., Springfield, Mass.	
Special Meat and Bone Scrap .....	534, 632
Jersee Co., Minneapolis, Minn.	
Just Right Egg Mash .....	534
The Kansas Flour Mills Corp., Kansas City, Mo.	
Big Flake Pure Wheat Bran .....	535, 553
Kellogg Co., Battle Creek, Mich.	
White Hominy Feed .....	535, 561
Kelloggs & Miller, Inc., Amsterdam, N. Y.	
"K & M" Brand Pure Old Process Linseed Oil Meal .....	535, 551
Spencer Kellogg & Sons, Inc., Buffalo, N. Y.	
Kellogg's 34% Protein Quality Pure Old Process Linseed Meal and Palatable Flaxseed Screenings Oil Feed .....	535
Kellogg's 37% Protein Pure Old Process Linseed Meal ....	535, 551
H. H. King Flour Mills Co., Minneapolis, Minn.	
"Gold Mine" Feed .....	535, 559
King Midas Mill Co., Minneapolis, Minn.	
Wheat Standard Middlings .....	535, 556
Krause Milling Co., Milwaukee, Wis.	
Badger White Hominy Feed .....	535, 561
A. S. Labieniec, Kensington, Conn.	
Reliable Laying Mash .....	535, 609

	Page
The Laden Bros. Co., Inc., Wallingford, Conn.	
Laden's Baby Chick Starter .....	535, 609
Laden's Dairy Feed .....	535, 577
Laden's Growing Mash .....	535, 609
Laden's Laying Mash .....	535, 609
Land O'Lakes Creameries, Inc., Minneapolis, Minn.	
Dried Buttermilk .....	535, 632
Dried Skimmilk .....	535, 633
Lake County Oil Mill, Tiptonville, Tenn.	
Cottonseed Meal 41% .....	535
The Larabee Flour Mills Co., Kansas City, Mo.	
Sunfed Pure Winter Wheat Bran .....	535, 553
Sunfed Winter Wheat Bran with Ground Wheat Screenings .....	535, 553
Larrowe Milling Co., Box 68, North End Station, Detroit, Mich.	
Dried Beet Pulp .....	535, 563
Dried Molasses-Beet Pulp .....	535, 563
41% Protein Cottonseed Meal Prime Quality .....	535, 551
43% Protein Cottonseed Meal Choice Quality .....	535
Larro Broiler Feed .....	535, 609
Larro Calf Meal .....	535, 591
Larro Chick Grains .....	535, 609
Larro Chick Starter .....	535, 610
Larro Egg Mash .....	535, 610
Larro Growing Grains .....	535, 610
Larro Growing Mash .....	535, 610
Larro Pork Maker .....	535, 591
Larro Poultry Fattening Feed .....	535, 610
Larro Scratch Grains .....	535, 610
Larro-The Ready Ration for Dairy Cows .....	536, 577
Larro Turkey and Game Bird Adult Mash .....	536
Larro Turkey and Game Bird Developer .....	536
Larro Turkey and Game Bird Starter .....	536
Libner Grain Co., Inc., 27 Commerce St., Norwalk, Conn.	
Libner's Blue Ribbon Broiler Ration .....	536, 610
Libner's Blue Ribbon Chick Starter .....	536, 611
20% Libner's Blue Ribbon Dairy Ration .....	536, 577
24% Libner's Blue Ribbon Dairy Ration .....	536, 577
12% Libner's Blue Ribbon Fitting Ration .....	536, 588
Libner's Blue Ribbon Growing Mash .....	536, 611
Libner's Blue Ribbon Milk Egg Mash .....	536, 611
C. W. Lines Co., 173 Chestnut St., New Britain, Conn.	
Homestead Dry Mash .....	536, 611
Homestead Scratch Feed .....	536, 611
Mill Pride Dairy Ration .....	536, 577
Mill Pride Fancy Scratch Feed .....	536, 611
Mill Pride Milk Mash .....	536, 611
Litchfield County Co-op. Assoc., Torrington, Conn.	
Common Sense Dairy .....	536, 577
Common Sense Growing Mash .....	536, 611
Common Sense Laying Mash .....	536, 611
Long Hill Feed Store, Long Hill, Conn.	
Square Deal Buttermilk Laying Mash .....	536, 611
Square Deal Dairy Ration .....	536, 578
L. B. Lovitt & Co., Memphis, Tenn.	
"Lovit Brand" 36% Cottonseed Meal .....	536
"Lovit Brand" 41% Cottonseed Meal .....	536, 551
"Lovit Brand" 43% Cottonseed Meal .....	536, 551



	Page
Maine Fish Meal Co., Portland, Me.	
Sardine Maine Fish Meal .....	536, 633
E. Manchester & Sons, Winsted, Conn.	
Huntington Red Star Egg Mash .....	536, 611
Red Star Egg Mash .....	536, 611
Red Star Flour Middlings .....	536, 557
Red Star Growing Mash .....	536, 611
Red Star Mixed Feed .....	536, 559
Red Star Scratch Feed .....	536, 612
Red Star Special Dairy Feed .....	536, 578
Red Star Starting Mash .....	536, 612
Red Star Sweet Sixteen Dairy Feed .....	536, 578
The Mann Bros. Co., Buffalo, N. Y.	
The Mann Bros. Co. 34% Protein Pure Old Process Linseed Meal .....	536
The Mann Bros. Co. 37% Protein Pure Old Process Linseed Meal .....	536
Maple Leaf Milling Co., Ltd., Toronto, Ontario, Canada.	
Pure Wheat Bran .....	536, 553
Rex Wheat Middlings .....	536, 557
Maritime Milling Co., Inc., Buffalo, N. Y.	
B-B Daisy All Mash Starter and Growing Feed .....	537
B-B Daisy Chick Feed .....	537
B-B Daisy Egg Mash with Dried Buttermilk .....	537, 612
B-B Daisy Scratch Feed .....	537, 612
B-B Hi-Test Dairy Feed 20%, Sweetened .....	537, 578
B-B Hi-Test Dairy Feed 24%, Sweetened .....	537
B-B Marmico 16% Dairy Feed with Molasses .....	537, 578
B-B Pure Corn and Oats Half and Half .....	537, 567
B-B Red Dog Wheat Flour .....	537, 559
B-B Turkey Starting and Growing Feed Vitamized with Cod Liver Oil .....	537, 612
Bull Brand Calf Meal .....	537, 591
Bull Brand Developing Feed .....	537
Bull Brand Heavy Mixed Feed .....	537, 559
Bull Brand Horse Feed with Alfalfa and Molasses .....	537, 567
Bull Brand Laying Mash .....	537, 612
Bull Brand Scratch Feed .....	537, 613
Bull Brand Stock Feed .....	537
Bull Brand Wheat Flour Middlings .....	537
Dealer's Mixing Feed with Molasses .....	537
Dollar Maker Egg Mash .....	537, 613
Dollar Maker Growing Mash Vitamized with Cod Liver Oil .....	537, 613
Sweetened B-B Farmers Mixing Feed .....	537
Sweetened Bull Brand "20" Dairy Ration .....	537, 578
Sweetened Bull Brand "24" Dairy Ration .....	537, 579
Sweetened Dollar Maker Dairy Feed .....	537, 579
Vitamized B-B Daisy Egg Mash with Dried Buttermilk and Cod Liver Oil .....	537, 613
Vitamized Bull Brand Chick Starter .....	537
Vitamized Bull Brand Growing Mash .....	537
C. J. Martenis Grain Co., L-3 Produce Exchange Bldg., New York, N. Y.	
Alco Dried Brewers Grains .....	537, 563
Meader Milling Co., Inc., Hoboken, N. J.	
Purifine Linseed Oil Meal .....	537, 551

	Page
Meech & Stoddard, Inc., 75 North Main St., Middletown, Conn.	
Red Wing Dairy Ration .....	537, 579
Red Wing Mixed Feed .....	537, 559
Red Wing Molasses Horse Feed .....	537, 567
Red Wing Special Buttermilk Chick Starter .....	537, 613
Red Wing Special Buttermilk Growing Feed .....	537, 613
Red Wing Special Buttermilk Laying Mash .....	537, 613
Red Wing Special Chick Feed .....	537
Red Wing Special Dairy Ration .....	537, 579
Red Wing Special Intermediate Chick Feed .....	537, 613
Red Wing Special Scratch Feed .....	537, 613
Red Wing Stock Feed .....	537, 588
Milmine, Bodman & Co., Inc., 115 Produce Exchange, New York City.	
Dried Beetpulp .....	537, 563
Miner-Hillard Milling Co., Wilkes-Barre, Pa.	
No. 1 Scratch Feed .....	537
Rye Middlings .....	537, 563
"1795" Steam Cooked Corn and Oats .....	537, 567
Steam Cooked Hominy Feed .....	537, 562
Wheat Bran .....	537, 554
Wheat Middlings .....	537
Monti-Van Iderstine, Inc., 272 Hudson Ave., Brooklyn, N. Y.	
Monti-Van High Grade Meat Scrap Containing Bone .....	538, 633
Geo. Q. Moon & Co. Inc., Binghamton, N. Y.	
Moon's Baby Chick Grains .....	538, 613
Moon's Baby Chick Starter Mash .....	538, 613
Moon's 20% Dairy Feed with Molasses .....	538
Moon's 24% Dairy Ration .....	538, 579
Moon's Developing Grains .....	538, 614
Moon's Fresh Ground Mixed Feed .....	538, 560
Moon's Fresh Ground White Middlings .....	538, 557
Moon's Growing Mash .....	538, 614
Moon's Hominy Feed .....	538, 562
Moon's Laying Mash with Dried Buttermilk .....	538, 614
Moon's Scratch Feed .....	538, 614
Moon's Special A Laying Mash with Dried Buttermilk ..	538
Moon's Stock Feed .....	538, 588
Moon's Wheat Bran .....	538, 554
Moon's X Dairy Ration .....	538
Moran-Patton Co., 234 Cedar St., New Haven, Conn.	
C-B Mash .....	538
Fred C. Morse & Son, Guilford, Conn.	
Old Mill 20% Dairy Feed .....	538, 579
Old Mill Dairy Feed 24% .....	538, 579
Old Mill Fitting Feed .....	538, 588
Old Mill Growing Mash .....	538, 614
Old Mill Horse Feed .....	538, 567
Old Mill Laying Mash .....	538, 614
Old Mill Laying Mash with Milk .....	538, 615
Old Mill Provender .....	538, 567
Old Mill Scratch Feed .....	538, 615
Old Mill Starting Mash .....	538, 615
Jas. F. Morse & Co., Somerville, Mass.	
Morse's Meat Scrap .....	538, 633

	Page
Moseley & Motley Milling Co., Rochester, N. Y.	
Big B Wheat Bran .....	538, 554
Big B Wheat Middlings .....	538, 557
Mt. Vernon Milling Co., Mt. Vernon, Ind.	
Poco Hominy Feed .....	538, 562
The National Milling Co., Toledo, Ohio.	
Namico .....	538, 557
Pure Wheat Bran .....	538
Newsome Feed & Grain Co., Pittsburgh, Pa.	
Palmo Midds .....	538
Niagara Falls Milling Co., Lockport, N. Y.	
Niagara Standard Wheat Bran .....	538, 554
Niagara Standard Wheat Midds .....	538, 557
Northwestern Consolidated Milling Co., Minneapolis, Minn.	
Planet Feed .....	539
Pure Wheat Bran .....	539
Wheat Flour Middlings .....	539
Wheat Mixed Feed .....	539
Wheat Standard Middlings .....	539, 557
XXX Comet .....	539, 560
Norwalk Grain Co., Inc., 48 Main St., Norwalk, Conn.	
Favorite Scratch .....	539, 615
Nowak Milling Corp., Hammond, Ind.	
Domino Chick Pel-ets .....	539
Domino Duo-fold Pel-ets .....	539, 615
Domino Egg Pel-ets .....	539, 615
Domino Growing Pel-ets .....	539, 615
Domino Laying Mash with Buttermilk .....	539, 615
Domino Scratch Feed .....	539, 615
Export Scratch Feed .....	539, 615
Fidelity Scratch Feed .....	539, 615
Fidelity Stock Feed .....	539, 588
Ogilvie Flour Mills Co. Ltd., Montreal, Canada.	
Ogilvie's Wheat Bran .....	539
Ogilvie's Wheat Shorts .....	539
Omaha Flour Mills Co., Omaha, Neb.	
Omar Wheat Standard Midds .....	539, 557
Ontario Milling Co. Inc., Oswego, N. Y.	
Aunt Mary's Chick Starting Mash with Dried Buttermilk and Cod Liver Oil .....	539
Aunt Mary's Coarse Chick Grains .....	539
Aunt Mary's Fine Chick Grains .....	539, 615
Aunt Mary's Growing Mash with Dried Buttermilk .....	539, 615
Aunt Mary's Growing Mash with Dried Buttermilk and Cod Liver Oil .....	539, 615
Aunt Mary's Laying Mash with Dried Buttermilk .....	539, 616
Aunt Mary's Laying Mash with Dried Buttermilk and Cod Liver Oil .....	539, 616
Aunt Mary's Scratch Feed .....	539, 616
Big Value Dairy Feed .....	539
Big Value 20% Dairy Feed with Molasses .....	539, 579
Butterfat Dairy Feed with Molasses .....	539, 579
Ontario Heavy Mixed Feed .....	539
Onto Horse Feed with Molasses .....	539, 568
Oswego 20% Dairy Feed with Molasses .....	539, 579
Oswego 24% Dairy Feed with Molasses .....	539, 579

	Page
Oswego Laying Mash with Dried Buttermilk .....	539, 616
Oswego Scratch Feed .....	539, 616
Uncle John's 24% Cream Pot Ration .....	539, 579
Uncle John's Stock Feed with Molasses .....	539, 588
S. V. Osborn Estate, Branford, Conn.	
Osborn Mash .....	539, 616
Osborn Provender .....	539, 568
Osborn Scratch .....	539, 617
Park & Pollard Co., Inc., Buffalo, N. Y.	
All-In-One Starting Feed .....	540, 617
Bet-R-Milk 20% Ration .....	540, 580
Bison Stock Feed Sweetened .....	540, 589
Chelsea Horse Feed .....	540, 568
Claco Dairy Ration .....	540, 580
Corn and Oats $\frac{1}{2}$ and $\frac{1}{2}$ .....	540, 568
Fawthrop's Special 20% Dairy Ration (Manufactured for Walter Fawthrop, Cromwell, Conn.) .....	540, 580
Feed Meal .....	540
Growing Feed .....	540, 617
Growing Feed with Cod Liver Oil .....	540, 617
Go-Tu-It Pig and Hog Ration .....	540
Herdhelth 16% Ration .....	540, 580
Holcomb's Sweetened 16% Ration (Manufactured for R. H. Holcomb & Co., Newtown, Conn.) .....	540, 580
Holcomb's Sweetened 20% Dairy Ration (Manufactured for R. H. Holcomb & Co., Newtown, Conn.) .....	540, 580
Intermediate Chick Feed .....	540, 617
Lay or Bust Dry Mash .....	540, 617
Lay or Bust Dry Mash with Cod Liver Oil .....	540, 617
Milkade Calf Meal .....	540, 591
Milk-Maid 24% Sweetened Dairy Ration .....	540, 581
Overall 24% Dairy Ration .....	540, 581
Park & Pollard Breeder Mash .....	540, 617
Park & Pollard Broiler Ration .....	540, 617
Park & Pollard Chick Scratch .....	540
Park & Pollard Chick Starter .....	540, 617
Park & Pollard Fitting Ration .....	540, 589
Park & Pollard Horse Feed .....	540, 568
Park & Pollard Stock Feed .....	540, 589
Park & Pollard Turkey Grower .....	540, 617
Park & Pollard Turkey Starter .....	540
Red Ribbon Chick Feed .....	540, 617
Red Ribbon Scratch Feed .....	540, 618
Top Notch 16% Ration .....	540, 581
Wheat Flour Middlings .....	540, 557
The Patent Cereals Co., Geneva, N. Y.	
Hominy Feed .....	540, 562
Pecos Valley Alfalfa Mill Co., Hagerman, New Mexico.	
Alfalfa Meal .....	540, 568
Peevee Alfalfa Leaf Meal .....	540, 568
Velvet Meal .....	540, 589
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.	
Douglas Corn Gluten Feed .....	540, 561
Douglas Corn Gluten Meal .....	540, 561
Perkins Oil Co., Inc., Memphis, Tenn.	
Goldenrod Brand Cottonseed Meal .....	540, 551

	Page
Pillsbury Flour Mills Co., Minneapolis, Minn.	
Pillsbury's XX Daisy Wheat Red Dog .....	540, 559
Pillsbury's Durum Wheat Bran and Screenings .....	540
Pillsbury's Fancy Mixed Feed and Screenings .....	540, 560
Pillsbury's Hard Wheat Bran and Screenings .....	540, 554
Pillsbury's Hard Wheat A Middlings and Screenings .....	540, 557
Pillsbury's Hard Wheat Standard B Middlings and Screenings .....	541, 557
Pillsbury's Rye Middlings and Screenings .....	541
Pillsbury's Wheat Bran and Screenings .....	541, 554
Maurice Pincoffs Co., Houston, Texas.	
Pinco Brand Cottonseed Meal .....	541
Pittsburgh Plate Glass Co., Newark, N. J.	
Red Wing Linseed Meal 32% .....	541, 551
Red Wing Linseed Meal 34% .....	541, 551
The Frank S. Platt Co., 450 State St., New Haven, Conn.	
Platco Laying Mash .....	541, 618
Platco Perfection Grain Mixture .....	541, 618
Postum Co., Inc., Battle Creek, Mich.	
Burt's Dairy Feed .....	541
Burt's Hominy Feed .....	541, 562
Pratt Food Company, Inc., Buffalo, N. Y.	
Armour's 24% Dairy Feed .....	541
Iroquois Scratching Grains .....	541
Pratt's Baby Chick Food with Buttermilk .....	541, 618
Pratt's B-P Dairy Feed .....	541, 581
Pratt's Cak-Cak Egg Mash with Buttermilk, Fish, Meat, Etc. ....	541
Pratt's Calf Meal with Buttermilk .....	541, 591
Pratt's Chick Scratch Feed .....	541, 618
Pratt's Circle A Large Scratch Feed .....	541, 618
Pratt's Growing Mash with Buttermilk .....	541, 619
Pratt's Horse Feed .....	541
Pratt's Horse Feed with Alfalfa .....	541
Pratt's Intermediate Scratch Feed .....	541, 619
Pratt's Laying Mash with Buttermilk .....	541, 619
Pratt's Large Scratch Feed .....	541, 619
Pratt's Sweet 16% Dairy Feed .....	541, 581
Pratt's Sweet 20% Dairy Feed .....	541
Pratt's Sweet 24% Dairy Feed .....	541
Pratt's Utility Horse Feed .....	541, 569
Chas. W. Priddy & Co., Inc., Norfolk, Va.	
"The Best" Fish Meal .....	541, 633
H. C. Puffer Co., Springfield, Mass.	
Egg-Em-On Growing Feed .....	541
Egg-Em-On Laying Mash .....	541
Egg-Em-On Scratch Grains .....	541, 619
Producer Dairy Feed 20% .....	541, 581
Producer Dairy Feed 24% .....	541, 581
Sweetened Producer Dairy Feed .....	541
The Quaker Oats Co., 141 W. Jackson Blvd., Chicago, Ill.	
Banner Feed .....	541, 569
Barley Feed .....	541
Bell Cow Bran .....	541
Bell Cow Shorts .....	541
Big Egg Scratch Grains, No Grit .....	541

	Page
Buckeye Feed .....	541, 560
Early Bird Coarse Chick Feed .....	541, 619
Early Bird Fine Chick Feed, No Grit .....	542, 619
Early Bird Scratch Grains, No Grit .....	542
Feeding Oatmeal .....	542
Quaker Ful-O-Pep Broiler Mash .....	542
Quaker Ful-O-Pep Chick Starter .....	542, 619
Quaker Ful-O-Pep Coarse Chick Feed .....	542, 619
Quaker Ful-O-Pep Egg Mash .....	542, 619
Quaker Ful-O-Pep Fine Chick Feed .....	542, 619
Quaker Ful-O-Pep Growing Mash .....	542, 619
Quaker Ful-O-Pep Scratch Grains .....	542, 620
Quaker Ful-O-Pep Station Grade Fattening Feed .....	542, 620
Quaker Green Cross Horse Feed .....	542, 569
Quaker 16% Protein Dairy Ration .....	542, 581
Quaker 20% Protein Dairy Ration .....	542, 581
Quaker 24% Protein Dairy Ration .....	542, 581
Quaker Schumacher Feed .....	542, 589
Quaker Sugared Schumacher Feed .....	542, 589
Quaker Thorobred Horse Feed .....	542, 569
Richford White Diamond Stock Feed .....	542
Schumacher Calf Meal .....	542, 592
Schumacher Scratch Grains, No Grit .....	542
Sugared Vim Feed .....	542, 569
Vim Feed .....	542, 569
White Hominy Feed .....	542, 562
Yellow Hominy Feed .....	542, 562
Ralston Purina Co., St. Louis, Mo.	
Corn Feed Meal .....	542, 563
Corn and Oat Provender .....	542
Dried Beet Pulp .....	542, 563
Fine Ground Poultry Alfalfa Meal .....	542
Protana 16% Dairy Feed .....	542, 581
Protana 20% Dairy Feed .....	542, 581
Protana 24% Dairy Feed (Buffalo Mill) .....	542, 582
Protana Scratch Feed (Buffalo Mill) .....	542, 620
Protana Sweet Roughage Feed (Buffalo Mill) .....	542, 569
Purina All Mash Egg Chowder .....	542, 620
Purina All Mash Startena Chow .....	542, 620
Purina Breeder Egg Chowder .....	542, 620
Purina Bulky Cow Chow .....	542
Purina Bulky Las Chow (Buffalo Mill) .....	542, 569
Purina Bulky Omolene Chow .....	542, 569
Purina Calf Chow .....	542, 592
Purina Checkerboard Rolled Oats (Steamed Cooked) .....	542, 569
Purina Chick Chow .....	542
Purina Chicken Fat Chow .....	542, 621
Purina Chicken Fatena Chow .....	542, 621
Purina Chick Growena Chow .....	542, 621
Purina Chick Growena Chow (With Cod Liver Oil) .....	542
Purina Chick Startena Chow .....	542, 621
Purina 20% Cow Chow .....	542, 581
Purina 24% Cow Chow .....	542, 581
Purina 34% Cow Chow .....	542
Purina 32% Chowder .....	542
Purina Egg Chowder .....	542, 621
Purina Egg Chowder (With Cod Liver Oil) .....	542, 621
Purina Egg Chowder (With Dried Buttermilk) .....	542

	Page
Purina Fitting Chow .....	542, 589
Purina Hen Chow .....	542, 621
Purina Hog Fatena Chow .....	543
Purina Intermediate Hen Chow .....	543, 621
Purina Lamb Chow .....	543, 621
Purina Lay Chow .....	543, 621
Purina Lay Chow (With Cod Liver Oil) .....	543, 621
Purina Lay Chow (With Dried Buttermilk) .....	543, 621
Purina Omolene Chow .....	543, 569
Purina Pig and Hog Chow .....	543, 592
Purina Turkey Growing and Fattening Chow .....	543, 621
Purina Turkey Growing and Fattening Chow (With Cod Liver Oil) .....	543
Purina Turkey Startena Chow .....	543, 621
John Reardon & Sons Co., Cambridge, Mass.	
Register Brand Cod and Haddock Fish Meal .....	543, 633
45% Register Brand Meat and Bone Scrap .....	543, 633
55% Register Brand Meat Scraps .....	543, 633
Registrations, list of .....	523
James Richardson & Sons, Ltd., Montreal, Quebec, Canada.	
Richardson Pure Wheat Bran .....	543
Robin Hood Mills, Ltd., Moose Jaw and Calgary, Canada.	
Blackhawk Standard Middlings .....	543
Superior Pure Wheat Bran .....	543
Superior Pure Wheat Shorts .....	543
Rockville Milling Co., Rockville, Conn.	
K-Y Wheat Bran with Screenings .....	543, 554
Sigmond Rothschild Co., Houston, Texas.	
43% Bright Cotton Seed Meal (for stock feed) .....	543
Russell-Miller Milling Co., Minneapolis, Minn.	
Alta Hard Wheat Middlings .....	543
Hard Wheat Occident Bran .....	543
Hard Wheat Occident Flour Middlings .....	543
Hard Wheat Occident Mixed Feed .....	543, 560
Hard Wheat Occident Standard Middlings .....	543, 557
Seymour Grain & Coal Co., Seymour, Conn.	
Miracle Chick Feed .....	543
Miracle Chick Grower .....	543, 621
Miracle Chick Starter .....	543, 622
Miracle Cow Feed .....	543, 582
Miracle Fitting Ration .....	543, 589
Miracle Molasses Horse Feed .....	543, 569
Miracle Laying Mash with Milk .....	543, 622
Miracle Scratch Feed .....	543, 622
See More Milk Dairy Feed .....	543, 582
J. C. Shaffer Grain Co., St. Louis, Mo.	
Shafco Wheat Bran with Screenings .....	543, 554
Sheffield Farms Co., Inc., 524 W. 57th St., New York City.	
Sheffield Skim Milk Powder .....	543
Shelton Feed Co., Inc., 73 Bridge St., Shelton, Conn.	
Nelson's Mixed Chicken Feed .....	543, 622
Sherwin Williams Co., 101 Prospect Ave., Cleveland, Ohio.	
S. W. C. Old Process Linseed Meal .....	544, 551
G. B. R. Smith Milling Co., Sherman, Texas.	
Wheat Bran and Screenings .....	544
Wheat Gray Shorts .....	544

	Page
Ike Sovitsky, Ansonia, Conn.	
Ansonia 20% Protein Sweetened Dairy Feed .....	544, 582
Ansonia Egg Mash with Buttermilk .....	544, 622
Ansonia Scratch Feed .....	544, 622
Ansonia Stock Feed .....	544, 589
Connecticut State Open Formula Dairy Ration .....	544, 582
Soya Products, Inc., Chicago, Ill.	
Super Soy .....	544, 552
Sparks Milling Co., Alton, Ill.	
Try Me Bran .....	544, 555
Springfield Rendering Co., Springfield, Mass.	
Boston Pure Cod and Haddock Meal .....	544, 633
High Grade Poultry Feed .....	544, 633
Springfield Poultry Feed .....	544, 634
Springfield "55" Poultry Feed .....	544
A. E. Staley Manufacturing Co., Decatur, Ill.	
Staley's Corn Gluten Feed .....	544, 561
Staley's Soybean Oil Meal .....	544, 552
John T. Stanley Co., Inc., 642 W. 30th St., New York City.	
Stanley's 45% Meat and Bone Scrap for Poultry .....	544, 634
D. A. Stickell & Sons, Inc., Hagerstown, Md.	
Blue Ridge Hog Ration .....	544, 592
Mixed Wheat Feed .....	544, 560
Snap Scratch Grains .....	544, 625
Special 20% Dairy Feed .....	544
Stickell's Certified 20% Ration .....	544, 583
Stickell's Certified 22% Ration .....	544, 583
Stickell's Growing Mash .....	544, 625
Stickell's Intermediate Chick Feed .....	544, 625
Stickell's Pure Wheat Bran .....	544, 555
Stickell's Pure Wheat Flour Middlings .....	544, 558
Su-Pur All Mash Starter .....	544
Su-Pur 85% Horse Feed .....	544, 569
Two in One Scratch Grains .....	544, 625
Victor Scratch Grains .....	544
St. Albans Grain Co., St. Albans, Vt.	
Brewers Dried Grains .....	544
Corn Distillers Dried Grains .....	544
Hygrade Fitting Ration .....	544, 589
Hygrade Fitting Ration or Stock Feed .....	544, 589
Hygrade 16 Sweetened Milk Ration .....	544, 582
Hygrade 20 Sweetened Milk Ration .....	544, 582
Hygrade 24 Sweetened Milk Ration .....	544, 583
King All-Purpose Chick and Broiler Ration .....	545, 623
King Baby Chick Starter containing Cod Liver Meal-Butter- milk-Cod Liver Oil .....	545
King Chick Feed .....	545
King 20 Dairy Feed Sweetened .....	545
King Dairy Feed with Beet Pulp Sweetened .....	545
King Growing Feed containing Buttermilk .....	545, 623
King Growing Feed containing Cod Liver Oil-Buttermilk ..	545
King Horse Feed .....	545
King Intermediate Chick Feed .....	545, 623
King Mash Feed containing Buttermilk .....	545, 623
King Mash Feed containing Cod Liver Oil-Buttermilk ....	545, 623
King 22 Milk Ration Sweetened .....	545, 583



	Page
King Scratch Feed .....	545, 623
King Stock Feed .....	545
Mornin' Call Poultry Grains .....	545, 623
Paragon Dairy Feed .....	545, 583
Paragon Dairy Feed Sweetened .....	545
Paragon Hominy Feed .....	545, 502
Paragon Scratch Feed .....	545
Utility Dairy Ration .....	545, 583
Utility 60 Pasture Ration .....	545, 589
Wirthmore All-Purpose Chick and Broiler Ration .....	545, 623
Wirthmore Baby Chick Scratch Feed .....	545, 623
Wirthmore Baby Chick Starter containing Cod Liver Meal- Buttermilk, Cod Liver Oil .....	545, 623
Wirthmore 25 Balanced Ration .....	545, 583
Wirthmore 25 Balanced Ration Sweetened .....	545, 583
Wirthmore Breeder Mash .....	545, 623
Wirthmore Calf Meal .....	545, 592
Wirthmore Complete Ration for Layers .....	545, 623
Wirthmore 16 Dairy Ration Sweetened .....	545, 583
Wirthmore 20 Dairy Feed .....	545, 583
Wirthmore 20 Dairy Feed Sweetened .....	545, 583
Wirthmore Dairy Feed with Beet Pulp—Sweetened .....	545
Wirthmore Duck Growing Feed .....	545, 624
Wirthmore 14 Fitting Ration .....	545, 589
Wirthmore Flour Middlings .....	545, 557
Wirthmore Fodder Greens .....	545, 589
Wirthmore Growing Mash containing Buttermilk .....	545, 624
Wirthmore Growing Mash containing Cod Liver Oil-Butter- milk .....	545, 624
Wirthmore Horse Feed .....	545, 569
Wirthmore Intermediate Scratch Feed .....	545, 624
Wirthmore Laying Mash with Buttermilk .....	545, 624
Wirthmore Laying Mash containing Cod Liver Oil-Butter- milk .....	545, 625
Wirthmore Pig and Hog—A Growing and Fattening Feed ..	545, 592
Wirthmore Scratch Feed .....	545, 625
Wirthmore Stock Feed .....	545, 590
Wirthmore Turkey Growing .....	545, 625
Wirthmore Turkey Starter containing Cod Liver Meal-But- termilk .....	545, 625
Wirthmore Wheat Feed .....	545, 560
St. Lawrence Flour Mills Co., Ltd., Montreal, Quebec, Canada. Bran—(Product of Wheat) .....	545
Chas. M. Struven Co., Baltimore, Md. Struven's Fish Meal .....	545, 634
Swift & Co., Union Stock Yards, Chicago, Ill. Swift's Dried Buttermilk .....	546, 634
Swift's Meat and Bone Scraps .....	546, 634
Swift's Poultry Bone Meal .....	546
Syracuse Milling Co., Syracuse, N. Y. Jordan Horse Feed with Molasses .....	546
Onondaga Dairy Feed, Sweetened .....	546, 583
Onondaga Scratch Grains .....	546
Syracuse Chick Feed .....	546, 625
Syracuse Chick Starter .....	546, 625
Syracuse Dairy Feed .....	546, 583
Syracuse Dairy Feed, Sweetened .....	546, 583

	Page
Syragold Egg Mash .....	546, 625
Syragold Feed Meal .....	546, 590
Syragold Flour Middlings with Mill Run Screenings .....	546, 558
Syragold Growing Mash .....	546, 625
Syragold Growing Mash with Cod Liver Meal .....	546
Syragold Ground Corn and Oat Feed .....	546, 569
Syragold Horse Feed with Molasses .....	546, 570
Syragold Laying Mash with Buttermilk .....	546, 625
Syragold Laying Mash with Buttermilk and Cod Liver Meal .....	546
Syragold Milk Ration .....	546, 584
Syragold Milk Ration, Sweetened .....	546
Syragold Scratch Grains .....	546, 626
Syragold Stock Feed .....	546, 590
Thomaston Supply Co., Inc., Thomaston, Conn.	
Thomaston Dairy Ration .....	546, 584
Thomaston Egg Mash with Cod Liver Oil .....	546, 626
Thomaston Growing Mash with Cod Liver Oil .....	546, 626
Thomaston Scratch .....	546, 626
Tioga-Empire Feed Mills, Inc., Waverly, N. Y.	
Chicatine .....	546, 626
Chicatine, with Cod Liver Oil Added .....	546
Derby-E-Gee Chick Grains .....	546
Derby-E-Gee Scratch .....	546, 626
Derby Ground Corn and Oats .....	546, 570
Duck Fattener .....	546
Egatine .....	546, 626
Egatine with Cod Liver Oil Added .....	546
E-Gee Dairy Feed .....	546, 584
Neverfail Horse Feed .....	546, 570
Or-Co Feed .....	546, 590
Red Brand Tioga Dairy .....	546, 584
Ti-O-Ga Calf Food .....	546, 592
Ti-O-Ga Chick and Growing Mash .....	546, 627
Tioga Chick and Growing Mash with Cod Liver Oil Added ..	546, 627
Ti-O-Ga Laying Food .....	546, 627
Ti-O-Ga Neverfail Chick Grains .....	546, 627
Ti-O-Ga Neverfail Growing Grains .....	546, 627
Ti-O-Ga Neverfail Poultry Grain .....	546, 627
Waverly Flour Middlings .....	546, 558
White Brand Tioga Dairy Feed .....	546
Jacob Trinley & Sons, Linfield, Pa.	
Corn Feed Meal .....	547, 563
Favorite Horse Feed .....	547, 570
Favorite Laying Mash .....	547, 627
Favorite Scratch Grains .....	547, 627
Melo Horse Feed .....	547, 570
Supreme 85% Horse Feed .....	547, 570
Union Starch and Refining Co., Columbus, Ind.	
Union Corn Gluten Feed .....	547, 561
United Co-Operative Farmers, Inc., Fitchburg, Mass.	
United Farmers Milk Egg Mash .....	547, 627
United Farmers Milkmaker .....	547, 627
United Mills Co., Inc., Grafton, Ohio.	
U. M. C. Wheat Middlings .....	547, 558
Upper Hudson Rye Flour Mills, Inc., 7-9 Madison St., Troy, N. Y.	
Upper Hudson Rye Feed .....	547, 563

	Page
Van Iderstine Co., Long Island City, N. Y.	
Vico High Protein Meat Scraps .....	547
Vico Pure Ground Meat and Bone Scraps .....	547
Vico Quality Meat and Bone Scraps .....	547, 635
Van Vechten Milling Co., Inc., Rochester, N. Y.	
Irving Mills Rye Feed .....	547, 563
Victor Flour Mills, Inc., Pittsford, N. Y.	
Victor Spring Wheat Bran .....	547, 555
Victor Spring Wheat Middlings .....	547
Ward Dry Milk Co., St. Paul, Minn.	
Ward's Pure Dried Buttermilk .....	547
Ward's Pure Dried Skim Milk .....	547, 635
Watertown Co-operative Ass'n., Watertown, Conn.	
Sterling Scratch Feed .....	547, 627
Wayne County Grangers Feed Corp., Clyde, N. Y.	
Clyde 20% Dairy Feed .....	547, 584
"Galen 24% Dairy Feed" .....	547, 584
"Milk Producer 24% Dairy Feed" .....	547
"Superior 20% Dairy Feed" .....	547, 585
"Sweetened 16% Dairy Feed" .....	547, 585
Universal Horse Feed .....	547, 570
F. S. Wertz & Son, Reading, Pa.	
Faramel Horse Feed .....	547, 571
Mixed Grains for Poultry .....	547, 627
Reading Egg Mash .....	547, 628
Special Dairy Feed .....	547, 585
Wertz's 20% Dairy Feed .....	547, 585
Wertz Growing Mash with Malted Skimmed Milk .....	547, 628
Wertz's Horse Feed with Alfalfa and Molasses .....	547
West Bay City Sugar Co., Bay City, Mich.	
Dried Beet Pulp .....	548
West-Nesbitt, Inc., Oneonta, N. Y.	
All Pure 20% Milk Ration .....	548, 585
Connecticut State Formula Mash .....	548, 628
Pure Feed Dairy Ration .....	548, 585
Pure Feed Eggmaker .....	548
Pure Feed Egg Mash .....	548
Pure Feed Egg Mash with Buttermilk .....	548, 628
Pure Feed Starting Mash .....	548, 628
Super Pure Feed Dairy Ration .....	548
Super Pure Sweetfeed Dairy Ration .....	548, 585
Wolf's Feed Store, 165-169 Center St., Shelton, Conn.	
Wolf's Egg Mash .....	548, 628
Wolf's 20% Dairy Ration .....	548, 585
Wolf's Scratch Feed .....	548, 628
Worcester Rendering Co., Auburn, Mass.	
P. W. Fish Meal .....	548, 635
P. W. Meat Scrap .....	548, 635
P. W. Special Meat Scrap .....	548, 635
The Yantic Grain & Products Co., Norwich, Conn.	
Abington Dairy Feed .....	548, 585
Almo .....	548, 571
Big (Y) Broiler Ration .....	548, 629
Big (Y) Buttermilk Laying Mash .....	548, 629
Big (Y) Chick Grains .....	548, 629

	Page
Big (Y) Chick Starter with Cod Liver Oil .....	548, 629
Big (Y) Dairy Ration 16% .....	548, 585
Big (Y) Dairy Ration 20% .....	548, 585
Big (Y) Dairy Ration 24% .....	548, 585
Big (Y) Fitting Ration .....	548, 590
Big (Y) Flour Middlings .....	548, 558
Big (Y) Growing Feed .....	548, 629
Big (Y) Hog and Pig Ration .....	548, 593
Big (Y) Horse Feed .....	548, 571
Big (Y) Intermediate Chick Grain .....	548, 629
Big (Y) Laying Mash .....	548, 629
Big (Y) Laying Mash with Buttermilk and Cod Liver Oil .....	548, 629
Big (Y) Mixed Feed .....	548, 561
Big (Y) Scratch Feed .....	548, 629
Big (Y) Stock Feed .....	548, 590
Big (Y) Sugared Stock Feed .....	548, 590
Big (Y) Turkey Growing Feed .....	548, 629
Calico Girl Scratch Feed .....	548, 629
Columbia Scratch Feed .....	548, 630
Economy Pasture Ration .....	548, 590
Eureka Dairy Ration 20% .....	548, 585
Eureka Dairy Ration 24% .....	548, 586
O F D Ration 20% .....	548, 586
O F D Ration 24% .....	548, 586
Uncas Scratch Feed .....	548, 630







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